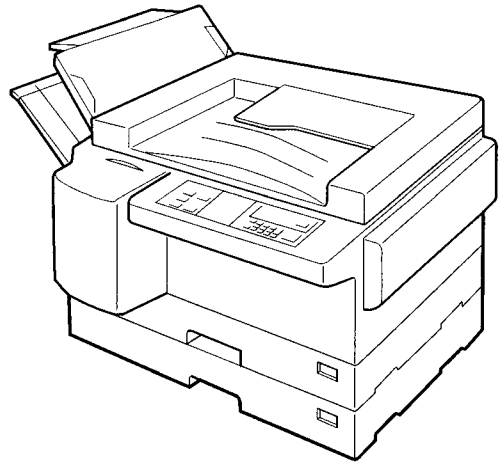
ORDER NO. OED9709360C8

# Service Manual

Plain Paper Copier

# FP-7713
# FP-7715



Panasonic

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# ⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

This manual was developed and is supplied to authorized servicing dealers by Panasonic Co. for the sole purpose of providing information necessary for the equipment's proper support. It is intended that this information be confidential and may not be reproduced without prior written consent from Panasonic Co. Panasonic Co. reserves the right to change any information enclosed herein without prior notification.

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**NOTE:**
This supplement explains the new functions introduced in the FP-7713/7715.
This manual does not contain descriptions of functions which are already described and unchanged in the FP-7113 and FP-7115 service manuals. For these items not covered in this supplement, please refer to the appropriate FP-7113 and FP-7115 Service Manuals.

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**For Sweden, and Denmark**

**SPECIALSÄKRING:** ENDAST AV APPARATFABRINKANTEN LEVERERAD SÄKRING FåR ANVÄNDAS.

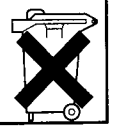
**VARNING!**
Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

**ADVARSEL!**
Lithiumbatteri—Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Lever det brugte batteri tilbage til leverrandoren.

**CAUTION!**
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

**For Holland**

NL Batterij niet weggooien, maar inleveren als KCA.





**For U.K.**
FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.
This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 13 amp fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark ⓐ or the BSI mark ⓚ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR OFFICE THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.
THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.
If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.

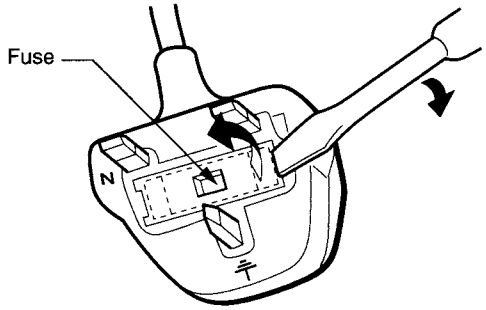
**WARNING:** THIS APPLIANCE MUST BE EARTHED.

**IMPORTANT:** The wires in this mains lead are coloured in accordance with the following code:

| | |
|---|---|
| Green and Yellow | :Earth |
| Blue | :Neutral |
| Brown | :Live |

As the colours of the wires in the main lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by letter E or by the safety EARTH symbol " ⏚" or coloured GREEN or GREEN-AND-YELLOW.
The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse.
Open the fuse compartment with a screwdriver and replace the fuse.



# 1. Specifications

1. Type: Desktop
2. Copy process: Electrostatic photographic method
3. Development process: Two-component magnetic brush
4. Maximum original size: Ledger (11" x 17" )/A3 (297 mm x 420 mm)
5. Copy speed: (copies per minute)

| Inch area | <FP-7713> | <FP-7715> |
|---|---|---|
| Ledger : | 7 | 8 |
| Legal : | 8 | 9 |
| Letter : | 13 | 15 |
| Letter R : | 10 | 11 |
| Invoice : | 13 | 15 |
| **Metric area** | **<FP-7713>** | **<FP-7715>** |
| A3 : | 7 | 8 |
| B4/FLS : | 8 | 9 |
| A4 : | 13 | 15 |
| A4R : | 10 | 11 |
| A5 : | 13 | 15 |

6. First copy time: 6.5 seconds : (Letter/A4 size) (without Auto Mode)
   11.5 seconds : (Letter/A4 size) (with Auto Mode)
7. Copy ratio: Enlargement (fixed):

| Inch area | Metric area |
|---|---|
| 1:1.41, 1:1.29, 1:1.21 | 1:1.41, 1:1.22, 1:1.15 |

   Reduction (fixed):

| Inch area | Metric area |
|---|---|
| 1:0.79, 1:0.77, 1:0.65 | 1:0.87, 1:0.82, 1:0.71 |

   Zoom: 1.41–0.65 (1% step)
8. Copy size:

Inch area
- Ledger : (11" x 17" )
- Legal : (8 1/2" x 14" )
- Letter : (11" x 8 1/2 " )
- Letter R : (8 1/2" x 11" )
- Invoice : (5 1/2" x 8 1/2" )

Metric area
- A3 : (297 mm x 420 mm)
- B4 : (257 mm x 364 mm)
- Foolscap : (8 1/2" x 13" ), (8" x 13" )
- A4 : (210 mm x 297 mm)
- A5 : (148 mm x 210 mm)

9. Paper capacity: 250 sheets paper tray (front loading) + 50 sheets multi-feed bypass
10. Paper feed: Push button automatic paper tray + sheet bypass
11. Paper exit tray capacity: 100 sheets : Legal/Letter/Invoice/B4/A4/A5 size
    50 sheets : Ledger/A3 size
12. Paper weight: 20 to 24 lb (64 to 90 g/m$^2$) [Cassette]
    16 to 34 lb (55 to 130 g/m$^2$) [Bypass]
13. Continuous copying: 1-99 automatic reset to 1
14. Fusing system: Heat and Pressure
15. Photoreceptor: Organic Photoconductor (OPC)
16. Exposure control: 7 step digital + Photo/Auto button
17. Warm up time: Approximately 40 seconds (FP-7715)
    37 seconds (FP-7713)
18. Optical system: Conventional internal scan
19. Misfeed indication: LED display
20. Toner supply: Automatic
21. Power consumption:

| | | |
|---|---|---|
| Normal mode | : Approx. | 100 Wh |
| STANDBY mode | : Approx. | 45 Wh |
| Condensation prevention mode | : Approx. | 15 Wh |
| Power saving mode | : Approx. | 9 Wh |

22. Power source: 120V±10%, 12A, 60Hz
    220-240V±10%, 6.5A, 50Hz
23. Dimensions: 24.8" x 24.8" x 13.7" (FP-7715)
    24.8" x 23.9" x 13.7" (FP-7713)
    (W) x (D) x (H) 629 x 631 x 347 mm (FP-7715)
    629 x 608 x 347 mm (FP-7713)
24. Weight: Approximately 72.6 lb/33 kg
25. Ambient conditions:

| | | |
|---|---|---|
| Temperature | : 50°F to 86°F/10°C to 30°C | |
| Relative humidity | : 30% to 80% | |
| Noise | = Standby | : 35 dB (A) |
| | = Operation | : 49 dB (A) |
| Heat emission | = Wait | : Approx. 100 Wh |
| | = Operation | : Approx. 250 Wh |
| Ozone emission | | : Less than 0.1 ppm |

26. Accessories: Exit tray
    Document bag



## 2. New features and changed functions list

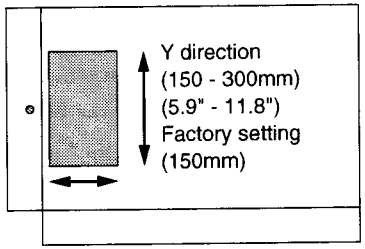
| Contents | FP-7113 | FP-7713 | FP-7115 | FP-7715 |
|---|---|---|---|---|
| 1. New features | | | | |
| (1) Sky Shot Mode | No | Yes | No | Yes |
| (2) Re-try Control for Paper Misfeed | No | Yes | No | Yes |
| 2. Changed Functions | | | | |
| (1) Paper Size Detection (Paper tray) | No | No | Auto | No |
| (2) Paper Size Input (Paper tray) | F mode only F5-83 | F mode only F5-83 | F mode only F5-83, 84 | Key-in and F5-83, 84 |
| (3) Service Mode | | | | |
| • F5-34 Background for drum compensation changed max. | Step 1:19<br>Step 2:15<br>Step 3:13 | Step 1:38<br>Step 2:30<br>Step 3:26 | Step 1:19<br>Step 2:15<br>Step 3:13 | Step 1:38<br>Step 2:30<br>Step 3:26 |
| • F5-89 Optics fan motor 2 error detection 0:Detecting 1:Not detecting | No | New | No | New |

# 3. New Features

## 3-1. Sky Shot Mode

By setting the check (cheque) size (or other specific original size), copying from originals is possible without dark areas around the image.

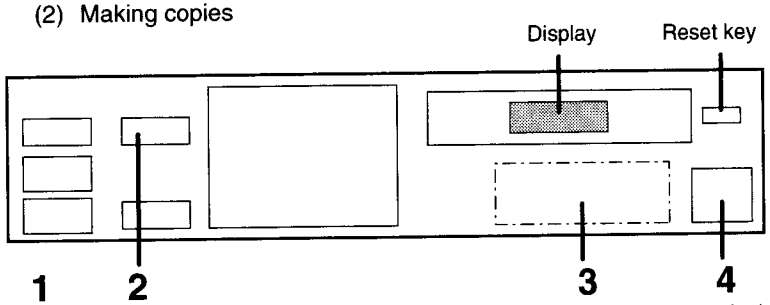
(1) Input the check (cheque) size




X direction
(20 - 430mm)
(0.8" - 16.9")
Factory setting (60 mm)

① Press and hold sky shot key. (More than 2 seconds)
② Y direction will appear in the copy count display. (3 seconds)
③ Input a Y direction size with zoom up/down key. (In 10mm increment)
④ Press print key.
⑤ X direction will appear in the copy count display. (3 seconds)
⑥ Input an X direction size with zoom up/down key. (In 5mm increment)
⑦ Press print key.

(2) Making copies




(3) To reset sky shot mode:
FP-7113 : Press 2-page copy/sky shot key (twice)
FP-7715 : Press reset key





## 3-2. Re-try Control for Paper Misfeed

Copy paper should pass the paper feed sensor within a specific time after the paper feed clutch turns on. To reduce paper misfeeds due to a slipping paper feed roller, the paper feed clutch turns on again (re-try operation).

When the paper does not reach the paper feed sensor within a specific time after two re-try operations, "jam" is indicated.
The re-try control for misfeed is executed for each paper feed unit.

## 3-3. Paper size setting (FP-7715 only)

Paper size of paper tray is setting to Letter/A4 size from the factory.

(1) Change the paper size with keys
① Press and hold the paper tray key, then press the 2-page copy/sky shot key.
② Select the cassette with paper tray key. (FP-7715 with FA-DS16 only)
③ Select the paper size with quantity key.
1: Ledger/A3 2: Legal/B4.FLS 3: Letter/A4
4: Letter R/A4R 5: Invoice/A5
④ Press print key.

(2) Pull out the desired paper tray.
Adjust paper guides to the desired paper size.

(3) Change the paper size indicator.

**NOTE:** If user does not want to have the ability to change the paper size, select the F5-87 to (1) "Unadjustable".
The factory setting is (0) "Adjustable".

## 4. Maintenance chart

| Item | | Service | Part number | Q'ty per unit | (× 1000) 30 | 60 | 90 | 120 |
|---|---|---|---|---|---|---|---|---|
| Sheet bypass | Paper feed roller | | FFPMA0518 | 1 | ○ | × | ○ | × (×) |
| | DFP roller | | FFPMA0520 | 1 | × | × | × | × (×) (×) |
| | Pick up roller | | FFPMA0521 | 1 | × | × | × | × (×) (×) |
| | Torque limiter ass'y | | FFPXF21D80 | 1 | × | × | × | × (×) (×) |
| Paper feed unit | Paper feed roller | | FFPMA05161 | 1 | ○ | × | ○ | × (×) |
| | DFP roller | | FFPMA0517 | 1 | × | × | × | × (×) (×) |
| | Registration roller | | FFPMA05136 | 1 | ○ | ○ | ○ | ○ |
| | Registration roller | | FFPMA0598 | 1 | ○ | ○ | ○ | ○ |
| | Cleaning pad ass'y | | FFPXF18D804 | 1 | ○ | ○ | ○ | ○ |
| | Torque limiter ass'y (Copier and FA-DS16) | | FFPXC07D80 | 1 | × | × | × | × (×) (×) |
| Developer unit | Corona wire | | FFPEY00641 | 1 | | × | | × |
| | Corona No.1 ass'y | | FFPXG07D801 | 1 | ○ | ○ | ○ | ○ |
| | Developer | | FQ-ZF15 | 1 | | × | | × |
| | Drum | | FQ-HF13 | 1 | × | × | × | × |
| | Waste toner bottle | | FFPQA0143 | 1 | Replace at 5,000 copies. (for user replacement) | | | |
| | Cleaning blade | | FFPHK09051 | 1 | | × | | × |

○: Cleaning ×: Replacement
*( ): Replacement cycle based low usage.

*: Service personnel can amend this schedule by taking into account the percentage of paper which has passed through each paper port. We feel this will ensure more effective copier maintenance and cost effectiveness for your customers.

**NOTE:** When cleaning the mirrors, do not move the lamp unit or half speed unit directly. Rotate the lamp unit drive shaft.





| Item | | Service | Part number | Q'ty per unit | (× 1000) 30 | 60 | 90 | 120 |
|---|---|---|---|---|---|---|---|---|
| Fuser unit | Finger | upper | FFPLK0336 | 4 | ○ | ○ | ○ | × |
| | Thermistor | | FFPBL0013 | 1 | ○ | ○ | ○ | × |
| | Lamp | | H12V1KWN1A (for 120V ver.) H22V1KWN1A (for 220/240V ver.) | 1 | | | | × |
| | Cleaning pad | | FFPKM02785 | 1 | Replace at 5,000 copies. (for user replacement) | | | |
| | Heat roller | | FFPMA05242 | 1 | ○ | × | ○ | × |
| | Pressure roller | | FFPMA0523 | 1 | ○ | × | ○ | × |
| | Exit Roller | | FFPMA05142 | 1 | ○ | ○ | ○ | ○ (Ground terminal side) |
| Optics | Exposure lamp | | E08V025WN2A (for 120V ver.) E16V025WN2A (for 220/240V ver.) | 1 | | | | × |
| | No. 1 mirror | | FFPGC0179 | 1 | | | | |
| | No. 2 mirror | | FFPGC0180 | 1 | | | | |
| | No. 3 mirror | | FFPGC0181 | 1 | | | | |
| | No. 4 mirror | | FFPGC0174 | 1 | ○ | ○ | ○ | ○ |
| | No. 5 mirror | | FFPGC0182 | 1 | | | | |
| | No. 6 mirror | | FFPGC0183 | 1 | | | | |
| | Lens | | FFPGA0042 | 1 | | | | |
| Main body | Filter | | FFPHJ00341 | 1 | | ○ | | ○ |
| | Ozone filter | | FFPHJ00351 | 1 | | × | | × |
| | Filter | | FFPGB0021 | 1 | | ○ | | ○ |
| | Corona wire | | FFPEY00641 | 1 | | × | | × |
| | Corona No.2/3 ass'y | | FFPXF10D803 | 1 | ○ | ○ | ○ | × |
| | Cover glass | | FFPGC0184 | 1 | ○ | ○ | ○ | ○ |
| | Platen glass | | FFPGC0154 | 1 | ○ | ○ | ○ | ○ |
| | Platen rubber | | FFPNN00362 | 1 | ○ | ○ | ○ | ○ |
| | Belt shutter | | FFPJC0260 | 1 | | | | × |



○: Cleaning ×: Replacement

Maintenance chart

# 5. Troubleshooting

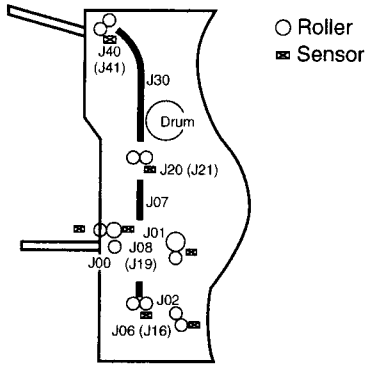
## 5-1. User error

| Error code | Item | Cause/ Check |
|---|---|---|
| o | Power saving and Condensation<br>• To clear the "o", press any DIGIT key. | 1. When copying is completed after the lapse of F5-C13-input number. |
| O | STAND-BY<br>• The DIGIT display indicates "0" and the other displays are turned OFF.<br>• To clear the STAND-BY mode, press any DIGIT key. | 1. When copying is completed after the lapse of 2 minutes (F5-C03-1 input), or 4 minutes (F5-C03-2 input), "0" is indicated. |
| PXX | Add paper | 1. This display flashes when there is no paper in tray.<br>2. When using ADF<br>• Original-size paper is not installed in the copier. |
| U6 | Paper feed door failure (Paper feed console) | 1. The paper feed door is opened. |
| U10 | ADF failure | 1. The ADF is opened after placed original(s). |
| U13 | Toner empty detection<br>• Cancellation of U13<br>F5-C63-0 input: Press any DIGIT key.<br>F5-C63-1 input: Press PAPER TRAY and 10 DIGIT keys. | 1. When the toner hopper is empty.<br>2. Toner density sensor is defective.<br>3. Toner supply mechanism is malfunctioning.<br>4. CPU PCB is defective. |
| U16 | Developer unit failure<br>• If in service mode and the developer unit is not installed, the "UFX" (X = service mode number) will appear in the DIGIT display. | 1. When the developer unit is not installed correctly.<br>2. When the developer unit connector is not inserted correctly.<br>3. When the developer unit connector is defective.<br>4. CPU PCB is defective. |





## 5-2. Paper jam




| Jam read code (F8-C06 is in use) | Condition |
|---|---|
| J00<br>(FP-7715) | Paper jam (Bypass)<br>• When the timing roller sensor does not detect paper within a predetermined time after bypass paper feed starts rotating. |
| J01<br>(FP-7715) | Paper jam (Copier paper tray)<br>• When the timing roller sensor does not detect paper within a predetermined time after paper feed starts rotating. |
| J02<br>(FP-7715) | Paper jam<br>(Paper feed console)<br>• When the paper feed console registration roller sensor does not detect paper within a predetermined time after paper feed starts rotating. |
| J06<br>(FP-7715) | Paper jam<br>(Paper feed console)<br>• When the trail edge of the paper is not detected within a predetermined time after the registration roller sensor detects the lead edge of the paper. |
| J16<br>(FP-7715) | Paper jam<br>(Paper feed console)<br>• The paper feed console registration roller sensor detects paper when the power switch is turned ON. |
| J07 | Paper jam (Bypass)<br>• When the timing roller sensor does not detect paper within a predetermined time after the sheet bypass paper pass sensor detects paper. |

| Jam read code (F8-C06 is in use) | Condition |
|---|---|
| J08 | • When the trail edge of the paper is not detected within a predetermined time after the sheet bypass paper pass sensor detects the lead edge of the paper. |
| J19 | • When the sheet bypass paper pass sensor detects paper when the power switch is turned ON. |
| J20 | • When the trail edge of the paper is not detected within a predetermined time after the timing roller sensor detects the lead edge of the paper. |
| J21 | • When the timing roller sensor detects paper when the power switch is turned ON. |
| J30 | Paper jam (between timing roller sensor and paper exit sensor)<br>• When paper exit sensor does not detect paper within a predetermined time after the timing roller starts rotating. |
| J40 | • When the trail edge of the paper is not detected within a predetermined time after the paper exit sensor detects the lead edge of the paper. |
| J41 | • The paper exit sensor detects paper when the power switch is turned ON. |
| J70 (FP-7715) | ADF jam (ADF)<br>• When an original is jammed in the ADF. |

### 5-3. Machine error

**E1**: Optical unit error

| Code | Function/Cause |
|---|---|
| 01 | Full-speed unit scan operating<br>• When the full-speed unit does not trigger the full-speed unit home position sensor within a predetermined time. |
| 02 to 20 | Not used |
| 21 | Half-speed unit scan operating<br>• When the half-speed unit does not trigger the half-speed unit home position sensor within a predetermined time. |
| 22 | No. 5/6 mirror unit scan operating<br>• When the No.5/6 mirror unit does not trigger the No. 5/6 mirror unit home position sensor within a predetermined time. |
| 23 | F8-C02 miss-input<br>(Measurement input for adjusting the original registration) |
| 24 to 31 | Not used |
| 32 | Auto original density detection<br>• When the auto original density signal is not detected or the auto original density cannot be adjusted. |





| Code | Function/Cause |
|---|---|
| 33 to 39 | Not used |
| 40 | Optics cooling fan (A) motor<br>• When the motor is operating, the motor signal is not detected ON/OFF or motor signal is detected ON/OFF during stops. |
| 41 | Optics cooling fan (B) motor (Option)<br>• When the motor is operating, the motor signal is not detected ON/OFF or motor signal is detected ON/OFF during stops. |

**E2**: Paper feed unit error

| Code | Function/Cause |
|---|---|
| 01 to 19 | Not used |
| 20 | Sheet bypass paper pass sensor<br>• When the sensor signal is not detected ON/OFF. |

**E3**: Developer unit and Hopper unit error

| Code | Function/Cause |
|---|---|
| 01 to 02 | Not used |
| 03 | Toner density sensor gain |
| 04 to 09 | Not used |
| 10 | High voltage power supply leak |
| 11 to 19 | Not used |
| 20 | Main motor rotation |
| 21 | Not used |
| 22 | Blacking prevention film |
| 23 to 29 | Not used |
| 30 | Discharge lamp |

**E4**: Fuser unit error

| Code | Function/Cause |
|---|---|
| 01 | Fuser warm-up<br>• When the fuser temperature does not reach the predetermined level within a predetermined time. |
| 02 to 09 | Not used |
| 10 | Fuser cooling fan motor<br>• When the motor signal is not detected ON/OFF or motor signal is detected ON/OFF during stops. |

**E5**: System (+24V/+10V) error

| Code | Function/Cause |
|---|---|
| 01 | Vp (+24V) line |
| 02 to 03 | Not used |
| 04 | Vo (+10V) line |
| 05 to 34 | Not used |
| 35 | EEPROM<br>• Transmission and receiving line (Data, Latch, Clock signal) is defective. |
| 36 to 41 | Not used |





## 6. Service mode

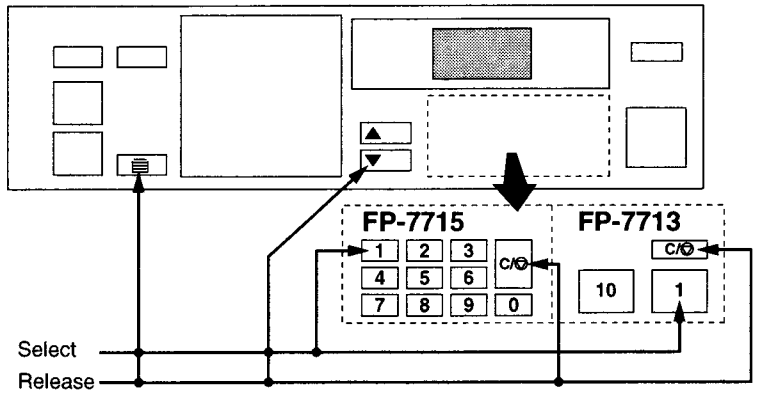
In Service Mode, the technician can check for abnormalities in the copier, The input/output of every section can be checked.

Select : Press the PAPER TRAY, ZOOM DOWN keys and MULTI-COPY key1 (FP-7715)/"1" key (FP-7713).

Release : Press the PAPER TRAY, ZOOM DOWN and CLEAR/STOP keys.

**Note:**
- If the copier is abnormal, then F4 will appear in the DIGIT display.
- If the copier is left in the "F" mode and shut off after servicing, it will still be in the "F" mode when the copier is turned ON again. The release program must be used to exit "F" mode.
- If the developer unit is not installed, a "UFX" (X = service mode you are in) will appear in the DIGIT display.

**Caution:** A high voltage hazard remains even when the machine is not operating. Always disconnect the machine from its power source (wall outlet) before servicing or disassembling.



**Service mode key function:**

| Service mode | Item | Function |
|---|---|---|
| F1 | Display check | Indicators and display check. |
| F2 | Single sheet copying | For single copy operation. |
| F3 | Continuous copying | For continuous copy operation. |
| F4 | Input/Output check | The functioning of Input/Output items (selected item numbers) is checked. |
| F5 | Copier function programming | Various function settings (selected by code numbers) can be changed. |
| F6 | Adjustment and Programming | Various adjustment settings (selected by code numbers) can be changed. |
| F7 | Electronic counter | Reads or Resets the electronic counter. |
| F8 | Copier operating adjustment | Perform pseudo-operation of an item (selected by code numbers). |

**Note:** Memory sheet for F5 and F6, RAM information is attached to the right cover.

**F4 mode**

Output check

Activate the left cover switch before executing output check.

| Code | Item | Function | Remarks |
|---|---|---|---|
| 20 | Fuser cooling fan | The fan energizes when the PRINT key is pressed. | Visual check.<br>• Press the CLEAR/STOP key to reset. |
| 21 | Optics cooling fan (A) and (B)* | | |
| 22 | Full-speed unit solenoid | The solenoid energizes for 2 seconds when the PRINT key is pressed. | Visual check |
| 23 | Half-speed unit solenoid | | |
| 24 | Not used | | |
| 25 | Exposure lamp<br>• To avoid light fatigue to the drum, remove the developer unit.<br>• To prevent the temperature from rising, do not carry this out frequently. | The lamp turns ON for 2 seconds when the PRINT key is pressed. | |

***NOTE:** Optics cooling fan (B)
FP-7713: option
FP-7715: Standard



| Code | Item | Function | Remarks |
|---|---|---|---|
| 26 | Main motor (Discharge lamp, Developer bias and Fuser cooling fan) | The motor is energized when the PRINT key is pressed. | Visual check.<br>• Press the CLEAR/STOP key to reset. |
| 27 | +24V ON | 24V is generated when the PRINT key is pressed.<br>**Note:**<br>Connect meter between VP and GND on CPU PCB. | |
| 28 | Paper feed roller clutch | The clutch energizes for 2 seconds when the PRINT key is pressed. | Visual check. |
| 29 | Sheet bypass clutch | | |
| 30 | Timing roller clutch | | |
| 31 | Total counter | The total counter counts up when the PRINT key is pressed. | |
| 32 | Fuser lamp | The lamp turns ON for 2 seconds when the PRINT key is pressed. | |
| 33 | Paper feed roller clutch (Paper feed console) (FP-7715) | The paper feed roller clutch turns ON for 2 seconds when the PRINT key is pressed. | Visual check.<br>• Press CLEAR/STOP key to reset. |
| 34 | Registration roller clutch (Paper feed console) (FP-7715) | The registration roller clutch turns ON for 2 seconds when the PRINT key is pressed. | |
| 35 | ADF main motor (forward rotation) (FP-7715) | The ADF main motor rotates forward when the PRINT key is pressed. | |
| 36 | ADF main motor (reverse rotation) (FP-7715) | The ADF main motor rotates in reverse when the PRINT key is pressed. | |
| 37 | ADF paper feed solenoid (FP-7715) | The solenoid is energized when the PRINT key is pressed. | |




Service mode

## F5 mode copier function programming

| | Code | Item | Function | (Factory setting) |
|---|---|---|---|---|
| System | 00 | Country version<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: Japanese version<br>1: North American version<br>2: European version | 1 (for America)<br>2 (for European) |
| | 01 | Frequency desired<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: 50Hz<br>1: 60Hz | 0 (for European)<br>1 (for American) |
| | 02 | Auto reset timer<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: None<br>1: 30 seconds<br>2: 1 minute<br>3: 2 minutes | 2 |
| | 03 | Standby timer<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: No standby<br>1: Standby (2 minutes)<br>2: Standby (4 minutes) | 0 |
| | 09 | Fuser lamp electronic starting control (When power ON) | 0: Zero cross control<br>1: Phase control | 0 |
| | 10 | Optics cooling fan control<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: Normal operation<br>1: Exposure lamp turns on time control | 1 |
| | 11 | Copy reservation function<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: Not detecting<br>1: Detecting | 1 |
| | 13 | Power saving/ Condensation prevention mode<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | 0: None<br>1: 5 minutes<br>2: 10 minutes<br>3: 30 minutes<br>4: 60 minutes | 0 |
| | 14 | Power saving / Condensation prevention mode selection | 0: Power saving mode<br>1: Condensation prevention mode | 0 |





| | Code | Item | Function | (Factory setting) |
|---|---|---|---|---|
| Optional machine | 20 | ADF<br>(FP-7715) | 0: Cancellation of ADF<br>1: ADF installation automatically discriminated (When the ADF signal cord is connected to the copier CPU PCB, the copier detects ADF automatically.) | 1 |
| | 22 | Paper feed console<br>(FP-7715) | 0: Cancellation of paper feed console<br>1: Paper feed console installation automatically discriminated (When the Paper feed console signal cord is connected to the copier CPU PCB, the copier detects paper feed console automatically.) | 1 |
| | 24 | Exposure lamp voltage for measuring constant light quantity | 0: Not detecting (OFF)<br>1: Detecting (ON) | 1 |
| | 33 | ADF movement without original<br>(FP-7715) | 0: No movement without original<br>1: ADF movement without original by F2 mode, (Continuing movement) | 0 |
| | 34 | Background for drum compensation | 0: No function<br>1: Exposure 1 step (0.2V) every 1,600 copies = Max. 38 steps<br>2: Exposure 1 step (0.2V) every 2,000 copies = Max. 30 steps<br>3: Exposure 1 step (0.2V) every 2,400 copies = Max. 26 steps | 1 |
| Counter | 40 | Double count (Total counter) | 0: Single<br>1: Ledger/A3 size<br>2: Ledger/Legal/A3/B4 size | 1 |
| | 41 | Count up timing | 0: At paper feed roller clutch<br>1: At paper exit sensor | 1 |

| | Code | Item | Function | (Factory setting) |
|---|---|---|---|---|
| Default | 50 | Auto original density (When power ON) | 0: Not detecting<br>1: AUTO Mode priority<br>2: DOCUMENT Mode priority | 2 |
| | 59 | Copier operation (After toner hopper empty detection) | (Factory use only = Do not change this number.)<br>0: Copier stops or copy cycle is inhibited<br>1: Continuous copier operation | 0 |
| | 60 | Automatic cassette position selection | 0: Not detecting<br>1: Detecting = When there is no paper in the cassette while the copy cycle, the cassette position of same size and direction selected automatically. | 1 |
| | 63 | U13 clear = After toner empty detection (Copier stops or copy cycle inhibited) | 0: When clearing the U13, press any key.<br>1: Press PAPER TRAY key and 10 DIGIT key (FP-7713)/ 0 key (FP-7715). | 0 |
| | 65 | (Factory use only) | | |
| Preventive maintenance | 70 | Preventive maintenance | 0: No call<br>1: 1,000 copies<br>2: 2,000 copies<br>3: 4,000 copies<br>4: 16,000 copies<br>5: 30,000 copies | 5 |





| | Code | Item | Function | (Factory setting) |
|---|---|---|---|---|
| Paper size | 81 | Legal/Foolscap size selection (For European version) | 0: B4 size<br>1: Foolscap (13" x 8")<br>2: Foolscap (13" x 8.5") | 0 |
| | 83 | Copy paper size setting (Copier) | 0: The first sheet is copied with the largest copy paper size<br>1: When normally making copies, the size is determined at the time when the paper is in transit before copying<br>2: A3/Ledger<br>3: B4/Legal/Foolscap<br>4: A4/Letter<br>5: A4R/Letter R<br>6: A5/Invoice | 4 |
| | 84 | Copy paper size setting (Paper feed console) | 0: The first sheet is copied with the largest copy paper size<br>1: When normally making copies, the size is determined at the time when the paper is in transit before copying<br>2: A3/Ledger<br>3: B4/Legal/Foolscap<br>4: A4/Letter<br>5: A4R/Letter R<br>6: A5/Invoice | 4 |
| | 88 | Paper size setting by user (FP-7715) | 0: Yes<br>1: No | 0 |
| | 89 | Optics fan motor 2 error detection | 0: Detecting<br>1: Not detecting | 1 |

## F6 mode Adjustment and programming

| Code | Item | Function | Remarks |
|---|---|---|---|
| 00 | 100% selection (Ratio of vertical position and parallel position to the paper feed detection) (Standard = 100.7%) | Adjustment from 99.1% to 100.9% | Ratio can be adjusted by 0.1% (–9 to +9) |
| 01 | Just 100% ratio (Ratio of parallel position to the paper feed direction) | Adjustment of ratio for parallel position to the paper feed direction. | Ratio can be adjusted by 0.1%. (–9 to +9) |
| 02 | 100% focus | Adjustment of focus. | (–50 to +50) |
| 03 | Just 100% ratio (Ratio of vertical position to the paper feed direction) | Adjustment of ratio for vertical position to the paper feed direction.<br>(+): Enlargement direction.<br>(–): Reduction direction. | (–20 to +20) |
| 04 | Original registration detecting timing (Reduction and Enlargement copying) | Adjustment of original registration timing in reduction and enlargement.<br>(+): Registration is delayed.<br>(–): Registration is advanced. | Detection timing can be adjusted by 0.2 mm (–20 to +20)<br>• If you adjust the content of C02 in F8 mode, the content of C04 in F6 mode is automatically changed from the factory setting. |
| 05 | Copy paper registration detection timing | After C04 is adjusted, delay time is adjusted from timing roller clutch ON.<br>(+): Paper feed timing is delayed.<br>(–): Paper feed timing is advanced.\ | Timing can be adjusted by 0.5 mm. (–18 to +20)<br>• If you adjust the content of C02 in F8 mode, the content of C05 in F6 mode is automatically changed from the factory setting. |
| 06 | Not used | — | — |
| 07 | Registration void of image | After C05 is adjusted, registration void is adjusted.<br>(+): Big<br>(–): Small | Registration void timer can be adjusted by 0.5 mm. |
| 08 | Trail edge timing of image (Reduction) | With the original being Ledger/A3 size, adjustment is made for the trail edge that occurs when a 65% copy is made to Ledger/A3 size copy paper. | Trail edge can be adjusted by 0.5 mm.<br>(–20 to +9) |





| Code | Item | Function | Remarks |
|---|---|---|---|
| 09 | Not used | — | — |
| 10 | Blacking prevention film home position | Adjustment of relation between the blacking prevention film home position and erase position. | 0.56 mm (–99 to +99) |
| 11 | Exposure standard (standard - 62V for 120V, 124V for 220-240V) | Adjustment of overall exposure standard. | Exposure can be adjusted by 0.2V (for 120V)/0.4V (for 220-240V). (–99 to +99) |
| 12 | PHOTO Mode exposure voltage change (standard =+8.2V for 120V/–16.4V for 220-240V) | Adjustment of PHOTO Mode exposure voltage. | Exposure can be adjusted by 0.4V for 120V/0.8V for 220-240V. (–9 to +9) |
| 13 | Zoom exposure (Reduction) (65%) (standard=+4.7V for 120V/ –9.4V for 220-240V) | In reduction mode, the exposure voltage is adjusted in proportion to the difference between the reduction ratio and 100% ratio. | Exposure can be adjusted by 0.22V for 120V/0.44V for 220-240V. (–9 to +9) |
| 14 | Zoom exposure (Enlargement (141%) (standard=+5.4V for 120V/ +10.8V for 220-240V) | In enlargement mode, the exposure voltage is adjusted in proportion to the difference between the enlargement ratio and 100% ratio. | Exposure can be adjusted by 0.16V for 120V/0.32V for 220-240V. (–9 to +9) |
| 15 | Exposure voltage correction for measuring the constant light voltage | The exposure lamp voltage for measuring the light volume is corrected according to the output from the auto original density sensor. | Voltage can be adjusted by 0.2V for 120V/0.4V for 220-240V. (–99 to +99)<br>• If you adjust the content of C03 in F8 mode, the content of C15 in F6 mode is automatically set. |
| 16 | Constant light volume exposure lamp voltage correction | When the power is switched ON, the C15 exposure lamp voltage is input to the auto original density sensor. If the auto original density sensor detection value differs from the standard density, the exposure lamp voltage correction is set.<br>When a copy is made, this correction voltage is added. | Voltage can be adjusted by 0.2V for 120V/0.4V for 220-240V.(–99 to +99)<br>• If you adjusted the content of C03 in F8 mode, the content of C16 in F6 mode is automatically set to "0" |

| Code | Item | Function | Remarks |
|---|---|---|---|
| 17 | Grid standard voltage (standard = –820V) | Adjustment of grid standard voltage.<br>(+): Dark<br>(–): Light | Voltage can be adjusted by approx. –8.3V. (–44 to +16) |
| 18 | PHOTO Mode grid voltage (standard = –520V) | Adjustment of PHOTO Mode grid voltage.<br>(+): Dark<br>(–): Light | Voltage can be adjusted by approx. –8.3V. (–8 to +52) |
| 19 | Bias standard voltage (standard = –250V) | Adjustment of bias standard voltage.<br>(+): Dark<br>(–): Light | Voltage can be adjusted by approx. –8.3V. (–36 to +24) |
| 20 | Not used | — | — |
| 21 | Toner density sensor gain voltage (standard = 6V) | (Factory use only)<br>Adjustment of toner density sensor gain voltage. | This adjustment should not be adjusted.<br>• If you adjust the content of F8-C09, the content of F6-C21 will automatically change from the original factory setting. |
| 22 to 25 | Not used | — | — |
| 26 | Toner density sensor judgment voltage level (standard = 2.5V) | (Factory use only)<br>Adjustment of toner supply starting judgment voltage level. | This adjustment should not be adjusted.<br>• If you adjust the content of F8-C09, the content of F6-C26 will automatically change from the original factory settings. |
| 27 to 30 | Not used | — | — |
| 31 | Fuser temperature<br>**Note:**<br>When it is adjusted, turn the power switch OFF, then ON. | Adjustment of fuser temperature.<br>(–): Temperature lowers.<br>(+): Temperature raises. | Temperature can be adjusted by approx. 0.7°<br>(–15 to +15) |
| 32 | Original density light peak of auto original density level | The level is adjusted in proportion to the ratio between the light peak level and standard level. | The level can be adjusted by 1%. (–99 to +99) |
| 33 | Original density average of auto original density level | The level is adjusted in proportion to the ratio between the average level and standard level. | |





| Code | Item | Function | Remarks |
|---|---|---|---|
| 34 | Original density (light/dark) contrast of auto original density | This level adjusts contrast by dividing the difference of the minimum and maximum original density by the standard density. | The level can be adjusted by 1%.<br>(–99 to +99) |
| 35 | Not used | — | — |
| 36 | Registration of original for the ADF (FP-7715) | Adjustment of registration timing. | 0.65 mm<br>(–32 to +32) |
| 37 to 40 | Not used | — | — |
| 41 | Paper loop (Copier paper tray) | (Factory use only)<br>This mode is used to adjust the length of the loop formed before the copier timing roller.<br>(–): Loop length decreased<br>(+): Loop length increased | This adjustment should not be adjusted. Loop can be adjusted by 2.5 ms.<br>(–99 to +99) |
| 42 | Paper loop (Sheet bypass) | | |
| 43 | Not used | — | — |
| 44 | Paper loop (Paper feed console) (FP-7715) | This mode is used to adjust the length of the loop formed before the paper registration roller of paper feed console. | 2.5 ms.<br>(–99 to +99) |
| 45 to 51 | Not used | — | — |
| 52 | Reduction mode focus | After C02 is adjusted, when the reduction mode is not in focus, this is adjusted. | (–9 to +9) |
| 53 | Enlargement mode focus | After C02 is adjusted, when the enlargement mode is not in focus, this is adjusted. | |
| 54 | Not used | — | — |
| 55 | Paper loop (Paper feed console) (FP-7715) | This mode is used to adjust the length of the loop formed before the copier. | 2.5 ms.<br>(–99 to +99) |
| 56 | Trail edge void of image (Copier paper tray) | This mode is used to adjust the trail edge void of image.<br>(–): Void increased.<br>(+): Void decreased. | Trail edge void can be adjusted by 0.5 mm.<br>(–20 to +40) |
| 57 | Trail edge void of image (Sheet bypass) | | |

| Code | Item | Function | Remarks |
|---|---|---|---|
| 58 to 59 | Not used | — | — |
| 60 | Fuser temperature for condensation prevention | Adjustment of fuser temperature for condensation.<br>(–): Temperature lowers.<br>(+): Temperature raises. | (–9 to +9) |
| 61 | Background for drum | To compensate for the background when there are drum changes, the exposure voltage is increased.<br>(+): Exposure voltage increases.<br>• Always input "0" when the drum is replaced.<br>• When any number is input, F7-C43 (Drum counter) is cleared. | 0.2V. (–9 to +38) |
| 62 | Toner density | This compensation is added to F6-C21 (Toner density sensor gain adjustment) to set toner density sensor gain voltage.<br>(+): Do not set.<br>(–): Set toner density to light. | 0.133V. (–2 to +1) |
| 63 to 98 | Not used | — | — |
| 99 | Back up memory | Press PRINT key twice.<br>• To clear the F6-all codes = 0 setting.<br>• F5-C00-1 setting. | — |





### F7 mode Electronic counter

| Code | Item |
|---|---|
| 21 | Total count |
| 22 | Preventive maintenance total count<br>**Note:**<br>If more than 30,001 copies (ex.F5-C70-5: 30,000 copies) are input, the "---" will appear in the display. |
| 23 | Developer total count |
| 24 to 42 | Not used. |
| 43 | Drum counter<br>**Note:**<br>If more than 2,001 copies (ex. F5-C34-2: 2,000 copies) are input, the "---" will appear in the display. |
| 44 to 98 | Not used |
| 99 | Clear all counts |

### F8 mode Copier operation adjustment

| Code | Item |
|---|---|
| 00 | Aperture plate for exposure lamp unit adjustment |
| 01 | Original registration adjustment copy |
| 02 | Measurement input for adjusting the original registration |
| 03 | Exposure lamp voltage for measuring constant light quantity<br>• Perform this adjustment after replacing the auto original density sensor. |
| 04 to 05 | Not used. |
| 06 | Machine error and Paper jam read (This function checks the content of machine error and paper jam) |
| 07 | Machine error and Paper jam code read clear |
| 08 | Lock operation of full-speed unit, half-speed unit and No.5/6 mirror unit |
| 09 | Automatic gain adjustment of toner density sensor<br>• This adjustment must always be performed when replacing developer. |

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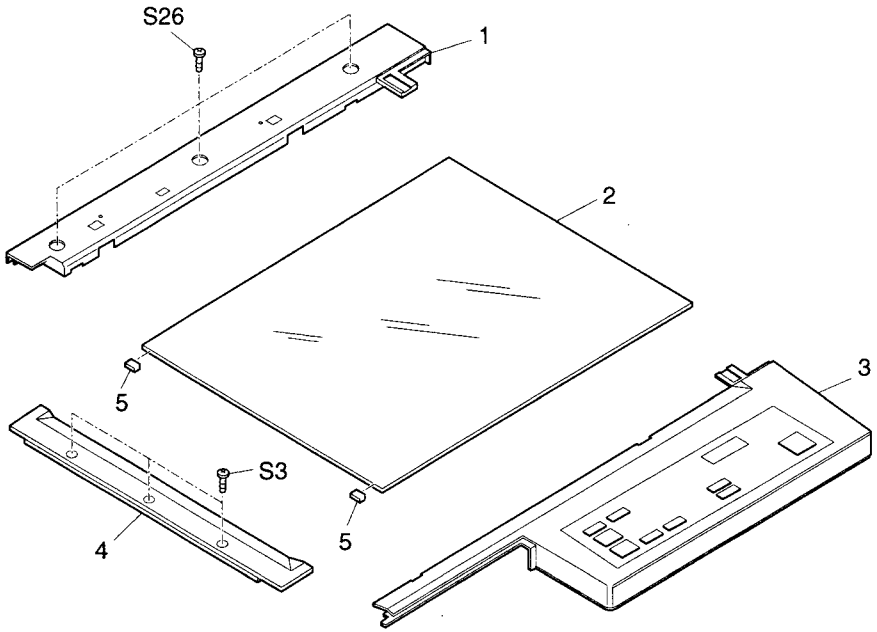
## Use and Ordering Information

1. Information contained in this Parts manual is subject to change. Change notice and supplementary pages will be issued on a timely basis.
2. Electrical parts supplied may include previously used components.
3. A Numerical Sales Number, Part Number List is located at the rear of this manual.
4. This manual was developed and is supplied to authorized servicing dealers by Panasonic Co. for the sole purpose of providing information necessary for the equipment's proper support. It is intended that this information be confidential and may not be reproduced without prior written consent from Panasonic Co.
5. Panasonic Co. reserves the right to change any information enclosed herein without prior notification.
   (This includes, but is not limited to part pricing and availability and text.)
6. In common column, "C" indicates part is used in previous models, "N" indicates parts is used only in Model FP-7713/7715 and FA-DS16.
   - C13: FP-7113/7115
   - C15: FP-7115 or FA-DS15
   - C: Other machines
7. Important safety notice
   Components identified by ⚠ mark have special characteristics important for safety.
   When replacing any of these components, use only manufacturer's specified parts.
8. Remarks column, "PM" indicates the parts replacement at cycle.

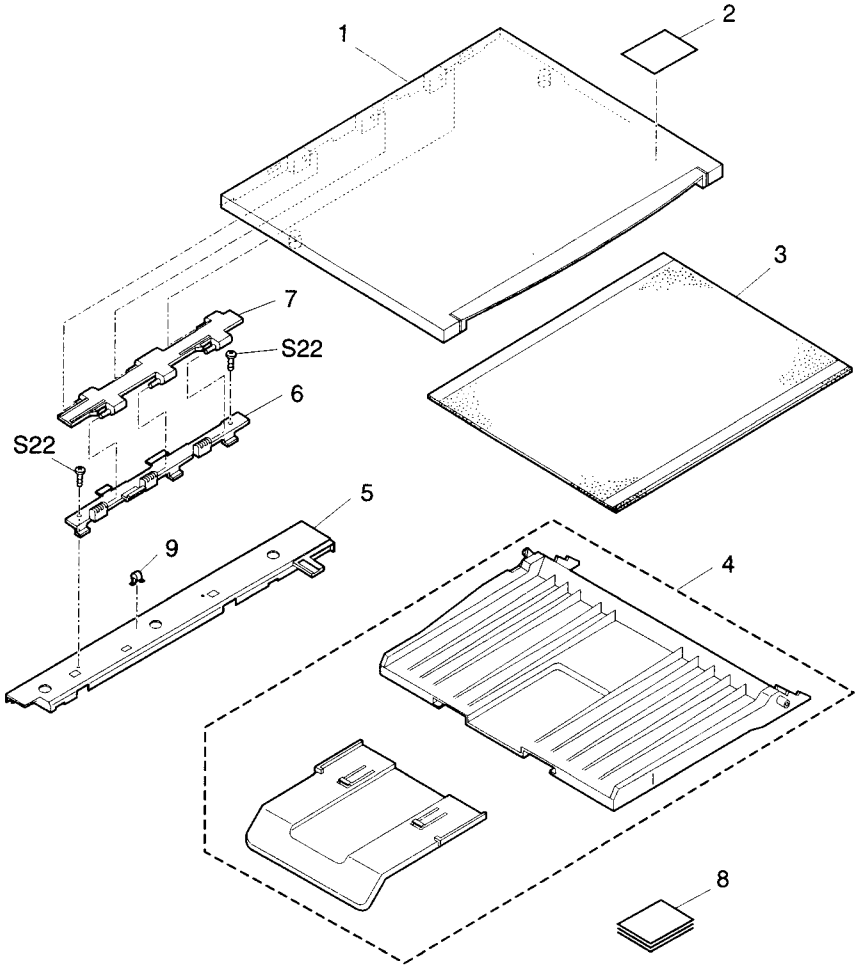





Covers

## Covers

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPNA05711 | Top Rear Cover (FP-7713) ⚠ | 1 | C13 | |
| 1 | FFPNA05921 | Top Rear Cover (FP-7715) ⚠ | 1 | C13 | |
| 2 | FFPGC0154 | Platen Glass ⚠ | 1 | C13 | |
| 3 | FFPXA13D61 | Control Panel Ass'y (FP-7713 for North America) ⚠ | 1 | N | |
| 3 | FFPXA13G01 | Control Panel Ass'y (FP-7715 for North America) ⚠ | 1 | N | |
| 3 | FFPXA13D63 | Control Panel Ass'y (FP-7713 for others) ⚠ | 1 | N | |
| 3 | FFPXA13G03 | Control Panel Ass'y (FP-7715 for others) ⚠ | 1 | N | |
| 3 | FFPXA13D67 | Control Panel Ass'y (FP-7713 for Taiwan) ⚠ | 1 | N | |
| 3 | FFPXA13G07 | Control Panel Ass'y (FP-7715 for Taiwan) ⚠ | 1 | N | |
| 4 | FFPXK29G011 | Original Guide Ass'y (for North America) | 1 | C13 | |
| 4 | FFPXK29G031 | Original Guide Ass'y (Others) | 1 | C13 | |
| 4 | FFPXK29G071 | Original Guide Ass'y (for Taiwan) | 1 | C13 | |
| 5 | FFPKN0271 | Glass Cushion (FP-7713) | 2 | C13 | |

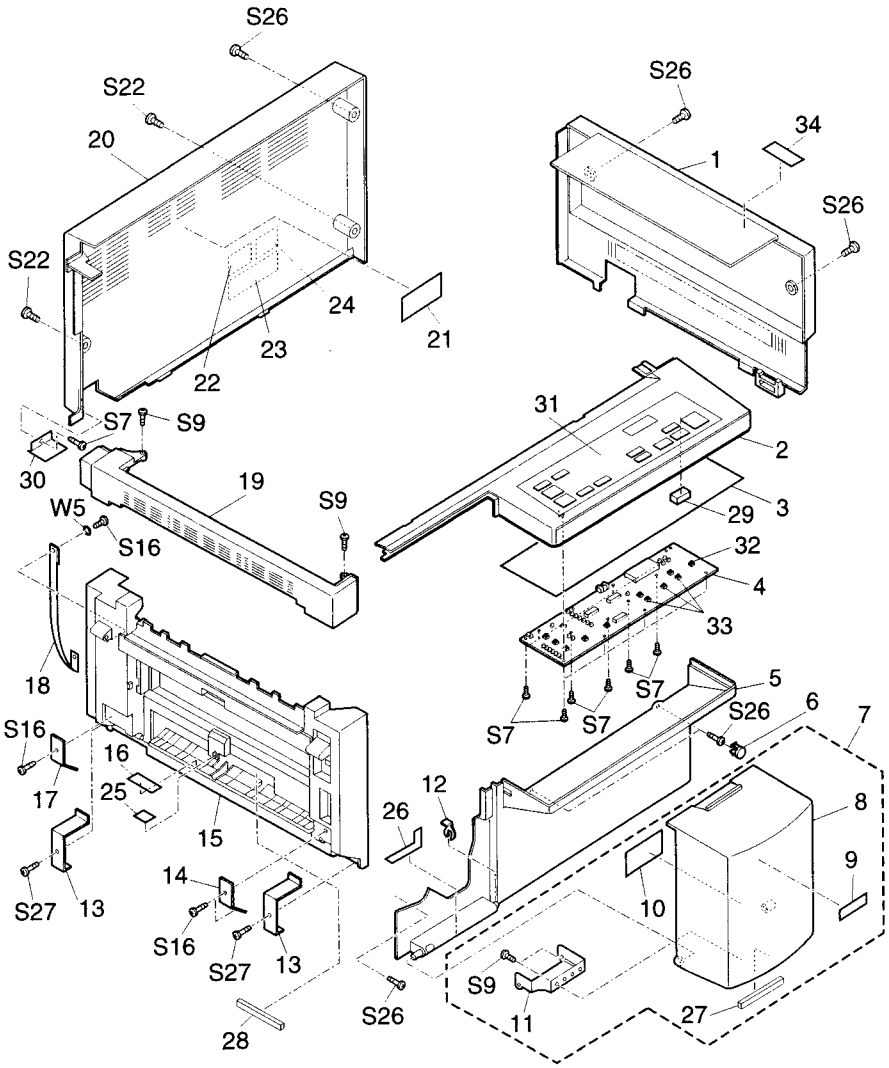





Covers

## Covers

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPNA05753 | Platen Cover | 1 | N | |
| 2 | FFPTE19723 | Label, Machine Condition (FP-7713 for North America) | 1 | N | |
| 2 | FFPTE20491 | Label, Machine Condition (FP-7715 for North America) | 1 | N | |
| 2 | FFPTE19733 | Label, Machine Condition (FP-7713 for others) | 1 | N | |
| 2 | FFPTE20501 | Label, Machine Condition (FP-7715 for others) | 1 | N | |
| 2 | FFPTE19792 | Label, Machine Condition (FP-7713 for Taiwan) | 1 | N | |
| 2 | FFPTE20511 | Label, Machine Condition (FP-7715 for Taiwan) | 1 | N | |
| 3 | FFPNN00352 | Platen Rubber (for Taiwan) | 1 | C13 | |
| 3 | FFPNN00361 | Platen Rubber | 1 | C13 | |
| 4 | FFPXJ01D80 | Exit Tray Ass'y | 1 | C13 | |
| 5 | FFPNA05711 | Top Rear Cover (FP-7713) ⚠ | 1 | C13 | |
| 5 | FFPNA05921 | Top Rear Cover (FP-7715) ⚠ | 1 | C13 | |
| 6 | FFPNH0059 | Platen Hinge, Lower ⚠ | 1 | C13 | |
| 7 | FFPNH0060 | Platen Hinge, Upper ⚠ | 1 | C13 | |
| 8 | FFPTD0827 | Operating Guide, English (for North America) | 1 | N | |
| 8 | FFPTD0828 | Operating Guide, French (for CANADA) | 1 | N | |
| 8 | FFPTD0829 | Operating Guide ,English | 1 | N | |
| 8 | FFPTD0830 | Operating Guide, German | 1 | N | |
| 8 | FFPTD0831 | Operating Guide, French (except CANADA) | 1 | N | |
| 8 | FFPTD0832 | Operating Guide, Dutch | 1 | N | |
| 8 | FFPTD0833 | Operating Guide, Italian | 1 | N | |
| 8 | FFPTD0834 | Operating Guide, Spanish | 1 | N | |
| 8 | FFPTD0835 | Operating Guide, Swedish | 1 | N | |
| 8 | FFPTD0836 | Operating Guide, Portuguese | 1 | N | |
| 8 | FFPTD0837 | Operating Guide, Taiwan | 1 | N | |
| 8 | FFPTD0838 | Operating Guide, Chinese | 1 | N | |
| 9 | FFPKM0289 | Hinge Holder (FP-7715) | 1 | N | |

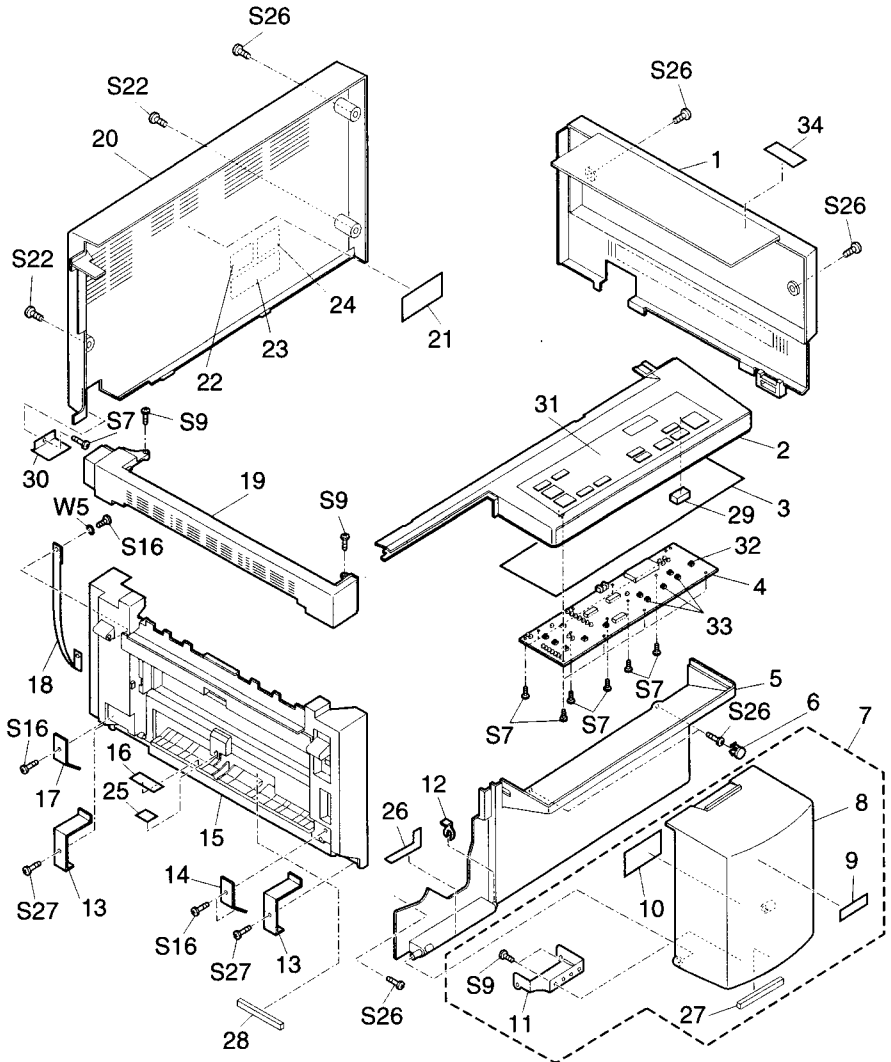







## Covers

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPNA0570 | Right Cover (FP-7713) ⚠ | 1 | C13 | |
| 1 | FFPNA05991 | Right Cover (FP-7715) ⚠ | 1 | C15 | |
| 2 | FFPXA24D61 | Control Panel Cover, w/o PCB (FP-7713 for North America) ⚠ | 1 | N | |
| 2 | FFPXA24G41 | Control Panel Cover, w/o PCB (FP-7715 for North America) ⚠ | 1 | N | |
| 2 | FFPXA24D63 | Control Panel Cover, w/o PCB (FP-7713 for others) ⚠ | 1 | N | |
| 2 | FFPXA24G43 | Control Panel Cover, w/o PCB (FP-7715 for others) ⚠ | 1 | N | |
| 2 | FFPXA24D67 | Control Panel Cover, w/o PCB (FP-7713 for Taiwan) ⚠ | 1 | N | |
| 2 | FFPXA24G47 | Control Panel Cover, w/o PCB (FP-7715 for Taiwan) ⚠ | 1 | N | |
| 3 | FFPPJ01861 | Insulation Sheet, Control Panel (FP-7713) | 1 | C13 | |
| 3 | FFPPJ0195 | Insulation Sheet, Control Panel (FP-7715) | 1 | C13 | |
| 4 | FFPWB0563 | PCB, Control Panel (FP-7713) | 1 | C13 | |
| 4 | FFPWB0571 | PCB, Control Panel (FP-7715) | 1 | C13 | |
| 5 | FFPNA05682 | Front Cover ⚠ | 1 | C13 | |
| 6 | FFPPM0009 | Screw Cap | 2 | C13 | |
| 7 | FFPXA20D80 | Toner Hopper Cover Ass'y (FP-7713) | 1 | C13 | |
| 7 | FFPXA20G40 | Toner Hopper Cover Ass'y (FP-7715) | 1 | N | |
| 8 | FFPNA0569 | Toner Hopper Cover ⚠ | 1 | C13 | |
| 9 | FFPPK1549 | Brand Plate (FP-7713) | 1 | C13 | |
| 9 | FFPPK1550 | Brand Plate (FP-7715) | 1 | C13 | |
| 10 | FFPTE19353 | Label, Toner Replacement | 1 | C13 | |
| 11 | FFPKD12531 | Support, Hopper Cover | 1 | C13 | |
| 12 | FFPFJ0039 | Touch Ring | 1 | C13 | |
| 13 | FFPKR1660 | Fulcrum Bracket | 2 | C13 | |
| 14 | FFPKE0976 | Fulcrum Cover, Front | 1 | C13 | |
| 15 | FFPNA05675 | Left Cover | 1 | C13 | |
| 16 | FFPKM02801 | Pad | 1 | C13 | |
| 17 | FFPKE0977 | Fulcrum Cover, Rear | 1 | C13 | |
| 18 | FFPKM0274 | Belt, Open/Close | 1 | C13 | |
| 19 | FFPNA0572 | Upper Left Cover ⚠ | 1 | C13 | |
| 20 | FFPNA05732 | Back Cover (FP-7713) ⚠ | 1 | N | |
| 20 | FFPNA0593 | Back Cover (FP-7715) ⚠ | 1 | N | |
| 21 | FFPHJ0034 | Filter (FP-7713) | 1 | C15 | |
| 21 | FFPHJ00341 | Filter (FP-7715) | 1 | C15 | |
| 22 | FFPTE1763 | Label, FCC | 1 | C13 | |
| 23 | FFPTE01661 | Label, Warranty | 1 | C13 | |
| 24 | FFPTE19211 | Label, DOC | 1 | C13 | |
| 25 | FFPHK0916 | Guide Mylar | 1 | C13 | |
| 26 | FFPHP0731 | Seal, Front Cover | 1 | C13 | |
| 27 | FFPHP0732 | Seal, Toner Hopper Cover | 1 | C13 | |
| 28 | FFPKP00771 | Pad 1 | 1 | C13 | |
| 29 | FFPHP0787 | Sponge, Print Key | 1 | N | |
| 30 | FFPNA0595 | Blind Cover (FP-7715) | 1 | N | |








## Covers

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 31 | FFPPJ0210 | Control Panel Sheet (FP-7713 for North America) | 1 | N | |
| 31 | FFPPJ0215 | Control Panel Sheet (FP-7715 for North America) | 1 | N | |
| 31 | FFPPJ0211 | Control Panel Sheet (FP-7713 for others) | 1 | N | |
| 31 | FFPPJ0216 | Control Panel Sheet (FP-7715 for others) | 1 | N | |
| 31 | FFPPJ0212 | Control Panel Sheet (FP-7713 for Taiwan) | 1 | N | |
| 31 | FFPPJ0217 | Control Panel Sheet (FP-7715 for Taiwan) | 1 | N | |
| 32 | EVQ21F05B | Print Key Switch (FP-7715) | 1 | C13 | |
| 33 | EVQ21505R | Other Key Switch, Print Key switch (FP-7713) | 20 | C13 | |
| 34 | | (Japan only) | | | |
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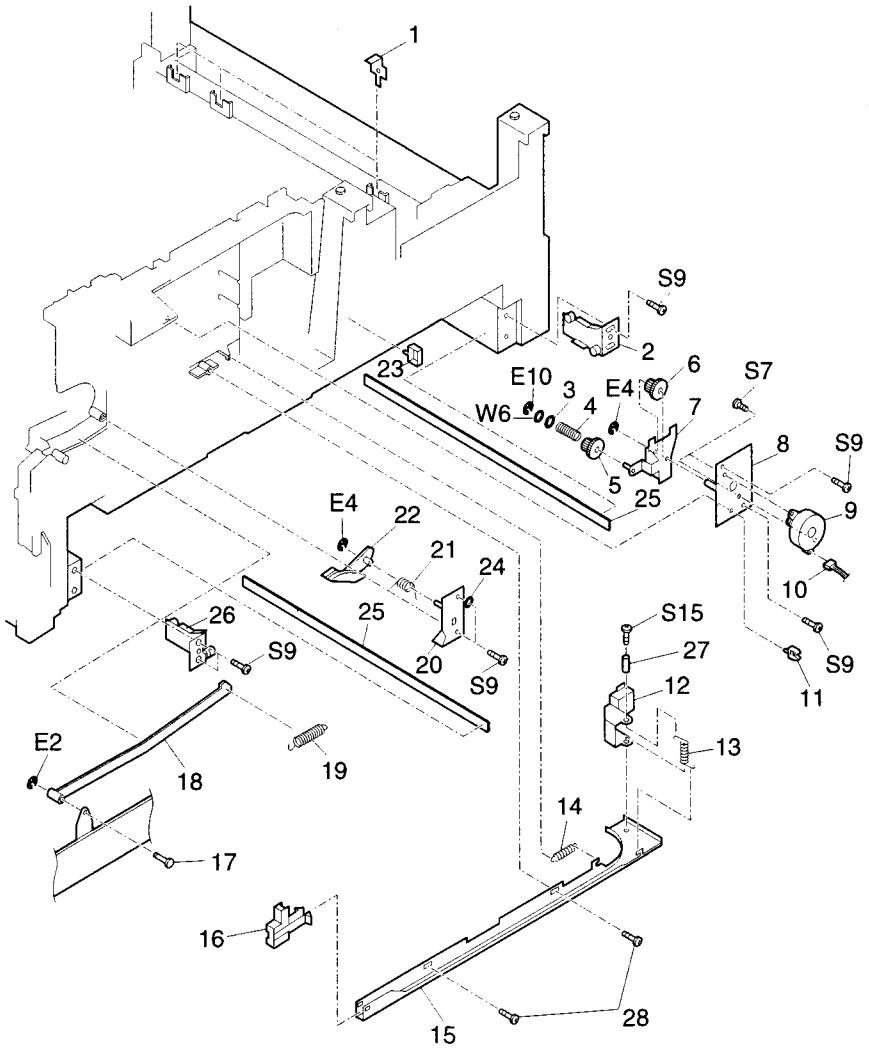
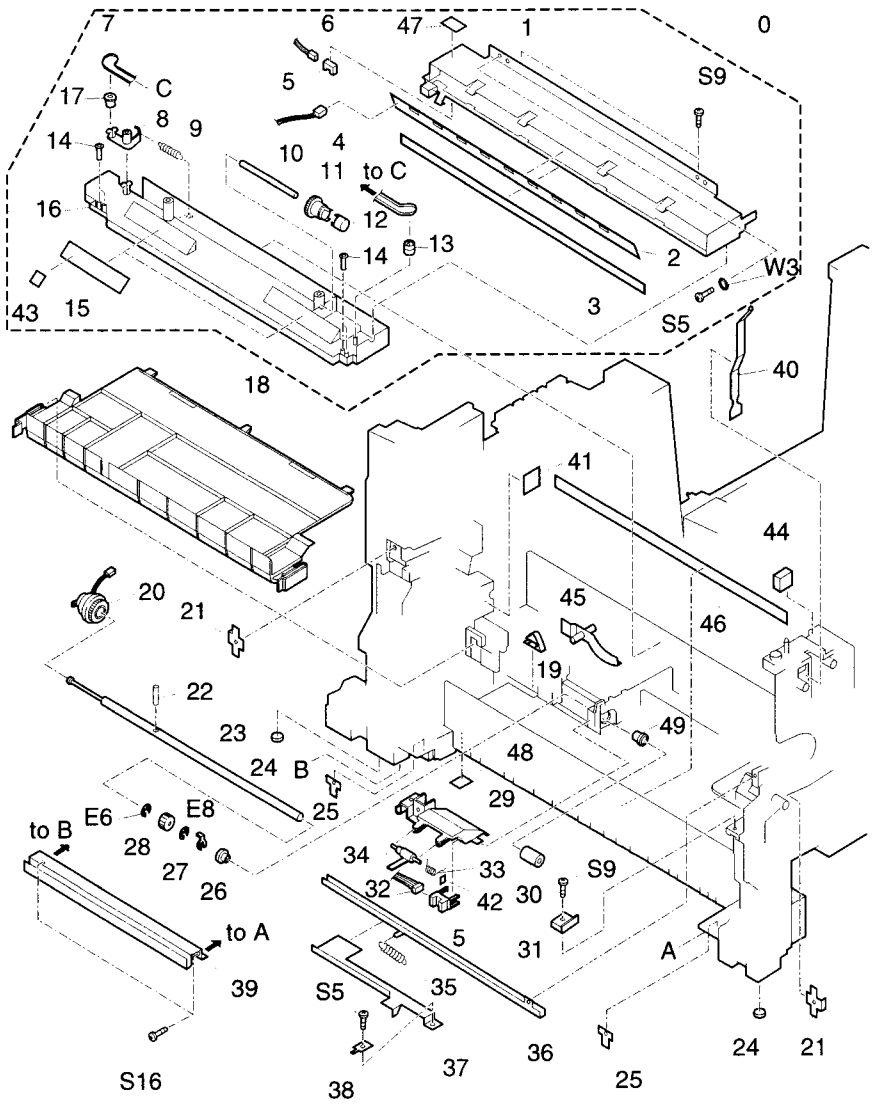



## Frame, Front

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPFF0071 | Nut | 3 | C13 | |
| 2 | FFPXA36G801 | Roller Bracket, Right | 1 | N | |
| 3 | FFPMV0002 | Polyslider | 1 | C13 | |
| 4 | FFPLP0942 | Spring | 1 | C13 | |
| 5 | FFPMF0945 | Gear | 1 | C13 | |
| 6 | FFPMF0944 | Gear | 1 | C13 | |
| 7 | FFPXA23D80 | Drive Bracket Sub Ass'y | 1 | C13 | |
| 8 | FFPXA22D80 | Eraser Drive Frame Ass'y | 1 | C13 | |
| 9 | 42SPM24DGYM | Stepping Motor | 1 | C13 | |
| 10 | FFPWC1540 | BSM Harness | 1 | C13 | |
| 11 | UAMS05S2 | Clamp | 1 | C13 | |
| 12 | FFPLK03151 | Actuator | 1 | N | |
| 13 | FFPLR0251 | Spring | 1 | C13 | |
| 14 | FFPLP0940 | Spring | 1 | C13 | |
| 15 | FFPKS0999 | Connection Plate | 1 | C13 | |
| 16 | FFPKM0273 | Bracket | 1 | C13 | |
| 17 | FFPFG04582 | Pin | 1 | C13 | |
| 18 | FFPLK03021 | Open/Close Arm, Front | 1 | C13 | |
| 19 | FFPLP0938 | Arm Spring | 1 | C13 | |
| 20 | FFPKB0878 | Lift Frame, Shutter | 1 | C13 | |
| 21 | FFPLR02501 | Pressure Spring | 1 | C13 | |
| 22 | FFPLL05332 | Shutter Lift Lever 1 | 1 | C13 | |
| 23 | LWS1S | LWS | 1 | C13 | |
| 24 | FFPMV0008 | Polyslider | 1 | C13 | |
| 25 | FFPHK0929 | Slide Sheet 1 | 2 | C13 | |
| 26 | FFPXA37G801 | Roller Bracket, Left | 1 | N | |
| 27 | FFPLT0124 | Sleeve | 1 | C13 | |
| 28 | FFPFA0069 | Shoulder Screw | 2 | C13 | |



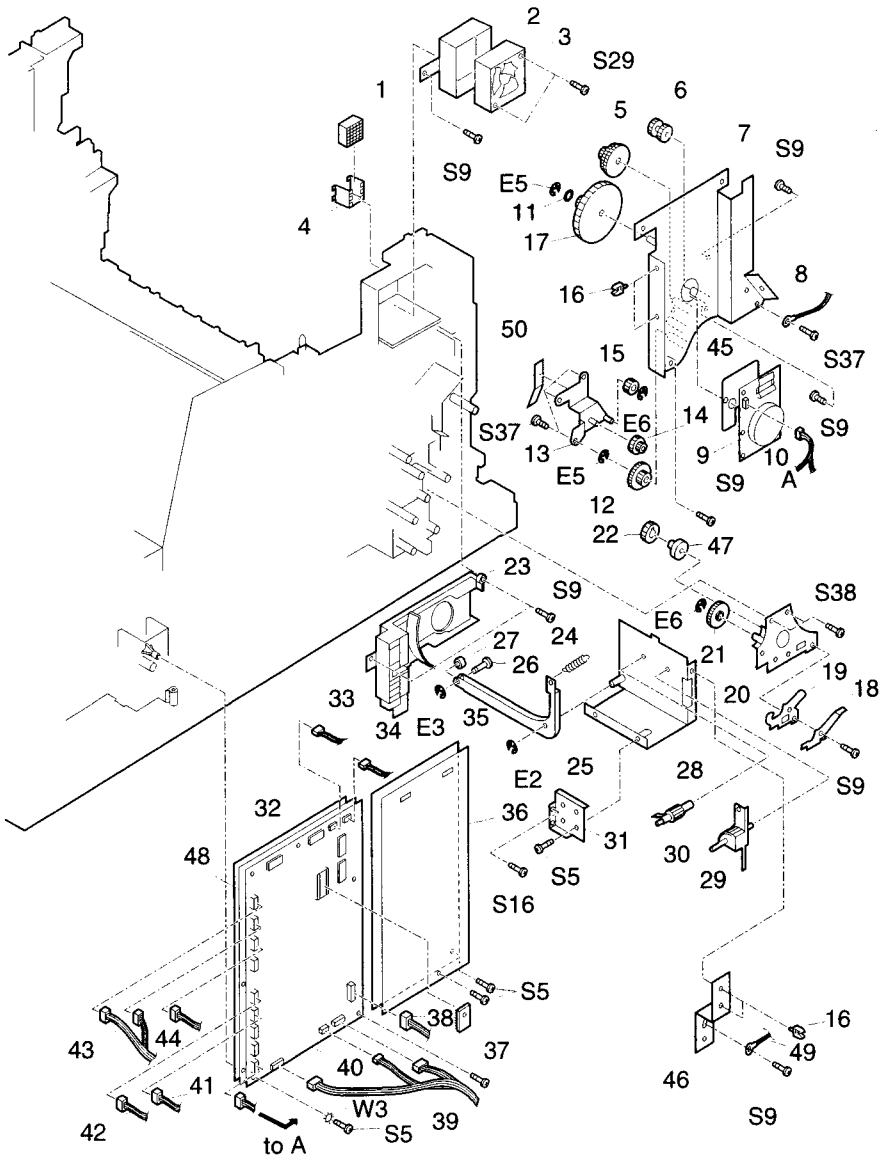
P4






## Frame, Left

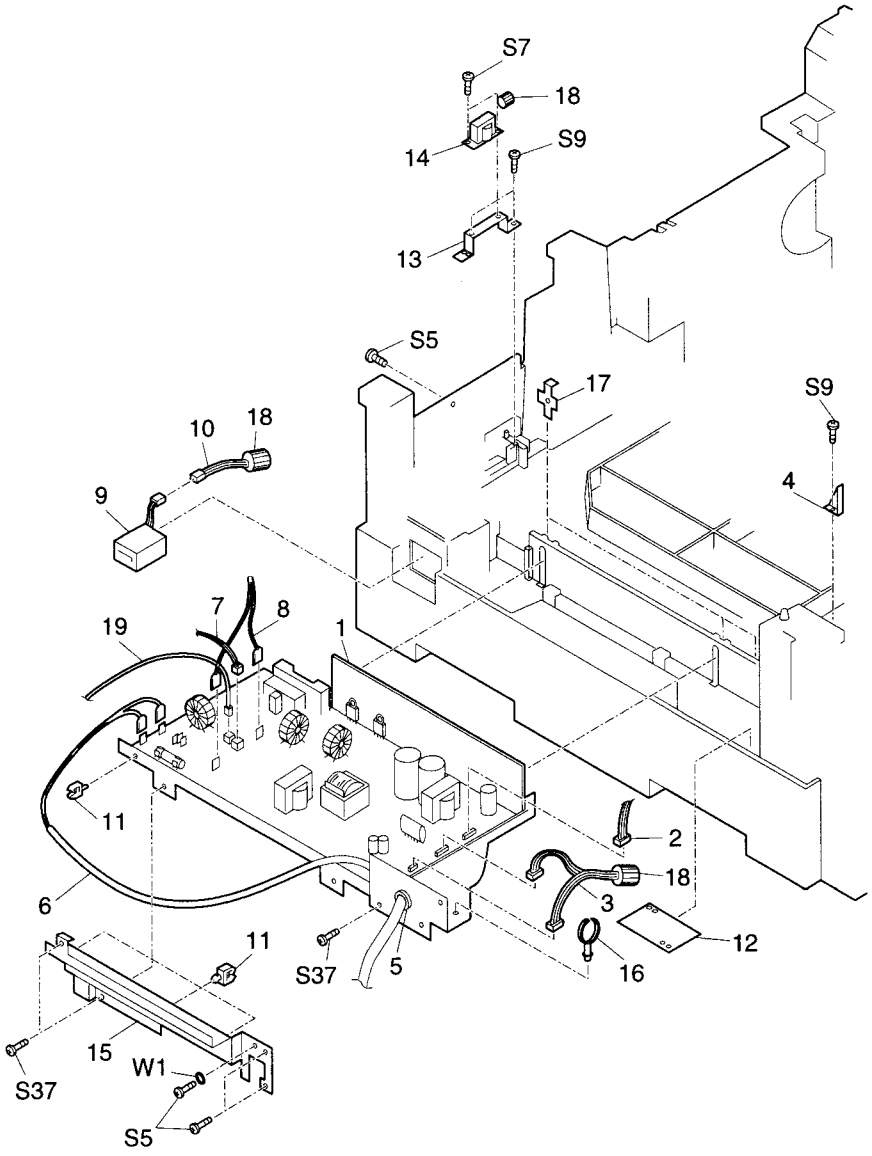
| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPXA11D60 | Eraser Ass'y (Others) | 1 | N | |
| 0 | FFPXA11D61 | Eraser Ass'y (for North America/Taiwan) | 1 | N | |
| 1 | FFPXA26D80 | Eraser Lamp Frame Ass'y | 1 | C13 | |
| 2 | PQ24V12WMG1 | Lamp | 1 | C13 | |
| 3 | FFPGB0021 | Filter | 1 | C13 | |
| 4 | FFPWC1550 | EL Harness | 1 | C13 | |
| 5 | TLP1225 | Sensor | 2 | C13 | |
| 6 | FFPWC1537 | SHPSC Harness | 1 | C13 | |
| 7 | FFPJC0260 | Belt Shutter | 1 | N | PM |
| 8 | FFPLK0304 | Pulley Arm | 1 | C13 | |
| 9 | FFPLP09391 | Tension Spring | 1 | C13 | |
| 10 | FFPLG1390 | Gear Shaft | 1 | C13 | |
| 11 | FFPMF0964 | Gear, Idle | 1 | C13 | |
| 12 | FFPMF0963 | Gear | 1 | C13 | |
| 13 | FFPMB0227 | Pulley | 1 | C13 | |
| 14 | FFPMA0519 | Guide Roller | 4 | C13 | |
| 15 | FFPGC0185 | Reflection Sheet | 2 | C13 | |
| 16 | FFPXA25D801 | Eraser Base Ass'y | 1 | C13 | |
| 17 | FFPMB0224 | Pulley | 1 | C13 | |
| 18 | FFPKF12226 | Paper Guide | 1 | N | |
| 19 | FFPLQ04401 | Lift Spring | 1 | N | |
| 20 | BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | 1 | N | |
| 20 | BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | 1 | N | |
| 21 | FFPFF0071 | Nut | 2 | C13 | |
| 22 | XPJ2D10WV | Pin | 1 | C13 | |
| 23 | FFPLG15721 | Paper Feed Roller Shaft | 1 | N | |
| 24 | FFPNM0028 | Foot | 2 | C13 | |
| 25 | FFPFF0072 | Nut | 2 | C13 | |
| 26 | FFPMQ0594 | Bushing 1 | 1 | N | |
| 27 | FFPFJ0039 | Touch Ring | 1 | C13 | |
| 28 | FFPMF0797 | DFP Drive Gear | 1 | C13 | |
| 29 | FFPKM02761 | Bracket, Sensor | 1 | C13 | |
| 30 | FFPMA05161 | Paper Feed Roller | 1 | C13 | PM |
| 31 | FFPKS10101 | Stopper (except North America) | 1 | C13 | |
| 32 | FFPWC1543 | RS Harness (FP-7713) | 1 | C13 | |
| 32 | FFPWC1571 | RS Harness (FP-7715) | 1 | C13 | |
| 33 | FFPLR02531 | Spring | 1 | C13 | |
| 34 | FFPLL05341 | Sensor Lever | 1 | C13 | |
| 35 | FFPLP0959 | Spring | 1 | C13 | |
| 36 | FFPKD12633 | Support Stay | 1 | C13 | |
| 37 | FFPKB08691 | Slide Plate | 1 | C13 | |
| 38 | FFPKF1364 | Roller Holder | 1 | N | |
| 39 | FFPKD12592 | Lift Stay | 1 | C13 | |
| 40 | FFPLQ0391 | Drum Ground Plate | 1 | C13 | |
| 41 | FFPHK0923 | Mylar | 1 | C13 | |
| 42 | FFPKH03071 | Spacer | 1 | C13 | |
| 43 | FFPJC0221 | Sheet, Preventing Reflection | 2 | C13 | |
| 44 | FFPKN0334 | Cushion | 1 | C13 | |
| 45 | FFPLL05471 | Sensor Lever (FP-7715) | 1 | C13 | |
| 46 | FFPHK0933 | Slide Sheet 5 | 1 | C13 | |
| 47 | | (Japan only) | | | |
| 48 | FFPJC0207 | No. 6 Mirror Sheet | 1 | C13 | |
| 49 | FFPMQ0602 | Bushing 2 | 1 | N | |








| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPHJ00351 | Ozone Filter | 1 | C13 | PM |
| 2 | FFPHA0067 | Duct (FP-7715) | 1 | N | |
| 2 | FFPHA00661 | Duct (FP-7713) | 1 | N | |
| 3 | FBA08A24H2F0 | Fan Motor 1 | 1 | C13 | |
| 4 | FFPKD12521 | Holder, Ozone Filter | 1 | C13 | |
| 5 | FFPMF0936 | Gear 1 | 1 | C13 | |
| 6 | FFPMF09382 | Gear, Developer Drive | 1 | C13 | |
| 7 | FFPXA17G00 | Drive Frame Ass'y | 1 | C13 | |
| 8 | FFPWC1555 | KBE Harness ⚠ | 1 | C13 | |
| 9 | DNQ18A12R20A | Main Motor | 1 | C13 | |
| 10 | FFPWC1535 | MF Harness | 1 | C13 | |
| 11 | FFPMV0004 | Polyslider | 1 | C13 | |
| 12 | FFPMF09391 | Gear, Paper Feed Drive | 1 | C13 | |
| 13 | FFPXA18D80 | Drive Bracket 3 Ass'y | 1 | C13 | |
| 14 | FFPMF09371 | Gear 2 | 1 | C13 | |
| 15 | FFPMF1116 | Gear, Idle 2 | 1 | N | |
| 16 | UAMS05S2 | Clamp | 4 | C13 | |
| 17 | FFPMF09351 | Gear, Drum Drive | 1 | C13 | |
| 18 | FFPLQ03954 | Spring | 1 | C13 | |
| 19 | FFPKH0306 | Spacer | 1 | C13 | |
| 20 | FFPKS10117 | Bracket, Idle Shaft | 1 | N | |
| 21 | FFPMF0917 | Gear, 19T | 1 | C13 | |
| 22 | FFPMF09571 | Gear, DFP Shaft | 1 | C13 | |
| 23 | FFPXA09D80 | High Voltage Terminal Ass'y | 1 | C13 | |
| 24 | FFPLP09601 | Lift Spring | 1 | C13 | |
| 25 | FFPLL0536 | Cassette Lift Lever | 1 | C13 | |
| 26 | FFPLG1007 | Lift Roller Shaft | 1 | C13 | |
| 27 | FFPMA0374 | Lift Roller | 1 | C13 | |
| 28 | FFPKQ01621 | Lift Base | 1 | C13 | |
| 29 | FFPMF0956 | Gear, Cassette Lift | 1 | C13 | |
| 30 | FFPLK03071 | Cassette Lift Arm | 1 | C13 | |
| 31 | FFPKS10021 | Lift Support Plate | 1 | C13 | |
| 32 | FFPKS09972 | CPU Shield Plate | 1 | C13 | |
| 33 | FFPWC1536 | SHPS Harness | 1 | C13 | |
| 34 | FFPWC1550 | EL Harness | 1 | C13 | |
| 35 | EUKMBN602HB | PCB HVPS ⚠ | 1 | C13 | |
| 36 | FFPKE0965 | Cover, PCB HVPS ⚠ | 1 | C13 | |
| 37 | FFPAH0204 | P-Rom (FP-7713) | 1 | N | |
| 37 | FFPAH0205 | P-Rom (FP-7715) | 1 | N | |
| 38 | FFPWC1543 | RS Harness (FP-7713) | 1 | C13 | |
| 38 | FFPWC1571 | RS Harness (FP-7715) | 1 | C13 | |
| 39 | FFPWC1572 | KB Harness (FP-7715) | 1 | C13 | |
| 40 | FFPWB06011 | PCB CPU (FP-7715) | 1 | N | |
| 40 | FFPWB0601 | PCB CPU (FP-7713) | 1 | N | |
| 41 | FFPWC1547 | VL Harness | 1 | C13 | |
| 42 | FFPWC1542 | VP Harness | 1 | C13 | |
| 43 | FFPWC1538 | M Harness | 1 | C13 | |
| 44 | FFPWC1540 | BSM Harness | 1 | C13 | |
| 45 | FFPKB08821 | Drive Frame 2 | 1 | C13 | |
| 46 | FFPKF13741 | Clutch Stopper | 1 | N | |
| 47 | FFPMQ0536 | Bushing | 1 | N | |
| 48 | FFPJC0259 | CPU Shield Sheet (for Taiwan) | 1 | N | |
| 49 | FFPWC1656 | Ground Harness (for Taiwan) | 1 | N | |
| 50 | FFPDE0077 | Ground Plate | 1 | N | |




## Frame, Right

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPWB05643 | PCB, Power Supply ⚠ (FP-7715 for Taiwan) | 1 | C13 | |
| 1 | FFPWB0564 | PCB, Power Supply ⚠ (FP-7713 for Taiwan) | 1 | C13 | |
| 1 | FFPWB05641 | PCB, Power Supply ⚠ (FP-7713 for North America) | 1 | C13 | |
| 1 | FFPWB05644 | PCB, Power Supply ⚠ (FP-7715 for North America) | 1 | C13 | |
| 1 | FFPWB05645 | PCB, Power Supply ⚠ (FP-7713 for others) | 1 | C13 | |
| 1 | FFPWB05645 | PCB, Power Supply ⚠ (FP-7715 for others) | 1 | C13 | |
| 2 | FFPWC1542 | VP Harness | 1 | C13 | |
| 3 | FFPWC1547 | VL Harness | 1 | C13 | |
| 4 | FFPKD12822 | Optics Support Plate | 1 | C13 | |
| 5 | SR6N3-4 | Cord Bushing (for North America) ⚠ | 1 | C13 | |
| 5 | SR6N4-4 | Cord Bushing (for Taiwan) ⚠ | 1 | C13 | |
| 5 | SR6N4 | Cord Bushing (Others) ⚠ | 1 | C13 | |
| 6 | FFPEV0130 | Power Cord (for Taiwan) | 1 | C13 | |
| 6 | FFPEV0132 | Power Cord (for North America) | 1 | C13 | |
| 6 | FFPEV0135 | Power Cord (for China) | 1 | C13 | |
| 6 | FFPEV0117 | Power Cord (Others) | 1 | C13 | |
| 6 | FFPEV0118 | Power Cord (for Australia) | 1 | C13 | |
| 6 | FFPEV0119 | Corona Power Cord (for U.K.) | 1 | C13 | |
| 7 | FFPWC1552 | LPC Harness ⚠ | 1 | C13 | |
| 8 | FFPWC1535 | MF Harness | 1 | C13 | |
| 9 | FFPCV0009 | Total Counter | 1 | C13 | |
| 10 | FFPWC1538 | M Harness | 1 | C13 | |
| 11 | LWS1S | LWS | 4 | C13 | |
| 12 | FFPKE09841 | Cover | 1 | C13 | |
| 13 | FFPKD12701 | Bracket, Choke Coil (except North America) | 1 | C13 | |
| 14 | CH48I40 | Choke Coil (except North America/Taiwan) | 1 | C13 | |
| 15 | FFPNA0587 | Shield Plate, Power Supply | 1 | C13 | |
| 16 | HL18-0 | Harness Lifter | 1 | C13 | |
| 17 | FFPFF0071 | Nut | 3 | C13 | |
| 18 | E1815MRC | Ferrite Core (except North America) | 3 | C13 | |
| 19 | FFPWC1575 | ADF Power Sub-Harness (FP-7715) | 1 | C13 | |



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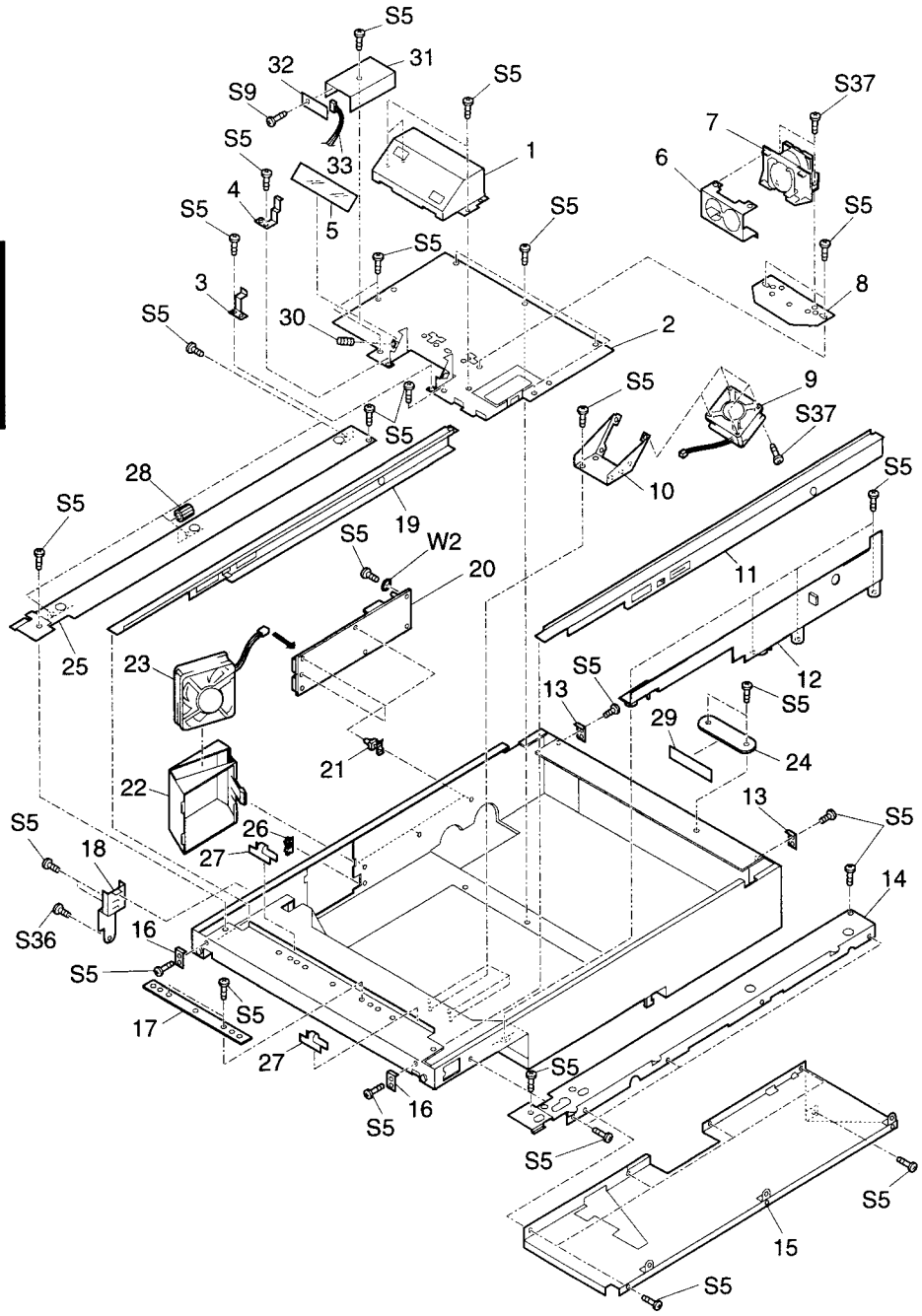
Frame

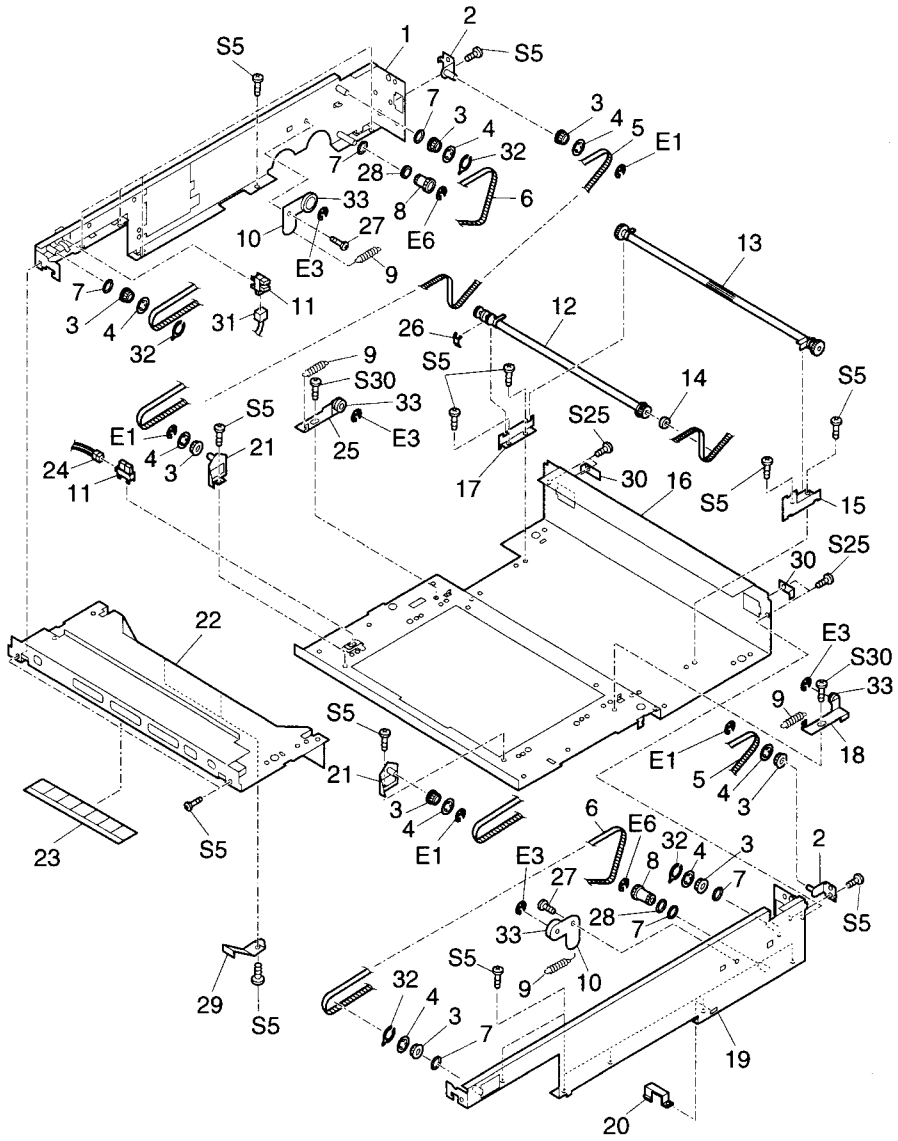





## Optics Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKE09633 | Lens Cover | 1 | C13 | |
| 2 | FFPKB08794 | Bottom Plate, Lens | 1 | N | |
| 3 | FFPLQ0375 | Spring | 1 | C13 | |
| 4 | FFPLQ0376 | Spring | 1 | C13 | |
| 5 | FFPGC0174 | No. 4 Mirror | 1 | C13 | |
| 6 | FFPJC01871 | Insulation Sheet | 1 | C13 | |
| 7 | FFPGA0074 | Lens | 1 | C13 | |
| 8 | FFPKS06713 | Adjusting Plate, Lens | 1 | C13 | |
| 9 | FBA06A24U2CS | Fan Motor 2 (Option for FP-7713) | 1 | C13 | |
| 10 | FFPKR16731 | Bracket, Fan (FP-7715) | 1 | C13 | |
| 11 | FFPKF12153 | Optics Rail, Front | 1 | C13 | |
| 12 | FFPKF12172 | Harness Guide | 1 | C13 | |
| 13 | FFPKD1240 | Harness Holder | 2 | C13 | |
| 14 | FFPKD12373 | Glass Support, Front | 1 | N | |
| 15 | FFPKD12541 | Control Panel Stay | 1 | C13 | |
| 16 | FFPKD12391 | Rail Holder, Left | 2 | C13 | |
| 17 | FFPKS0669 | Adjusting Plate | 1 | C13 | |
| 18 | FFPKD1242 | Stopper Plate | 1 | C13 | |
| 19 | FFPKF12163 | Optics Rail, Rear | 1 | C13 | |
| 20 | FFPWB0565 | PCB Optics Drive | 1 | C13 | |
| 20 | FFPWB05651 | PCB Optics Drive (for Taiwan) | 1 | C13 | |
| 21 | KGLS6S | Card Spacer | 3 | C13 | |
| 22 | FFPHA00651 | Duct | 1 | C13 | |
| 23 | FBA08A24H2F0 | Fan Motor 1 | 1 | C13 | |
| 24 | FFPKU0173 | Support Plate, Right Cover (FP-7715) | 1 | C13 | |
| 25 | FFPKD12384 | Glass Support, Rear | 1 | N | |
| 26 | EDS1 | Edge Saddle | 1 | C13 | |
| 27 | FFPKN0338 | Glass Cushion (FP-7715) | 2 | C13 | |
| 28 | E1815MRC | Ferrite Core (except North America) | 1 | C13 | |
| 29 | FFPHK0927 | Protection Sheet | 1 | C13 | |
| 30 | XXE3D8FP | Set Screw | 1 | C13 | |
| 31 | FFPKE1056 | AE Sensor Case | 1 | N | |
| 32 | FFPWB0580 | PCB, AE Sensor | 1 | N | |
| 33 | FFPWC1766 | AE Harness | 1 | N | |

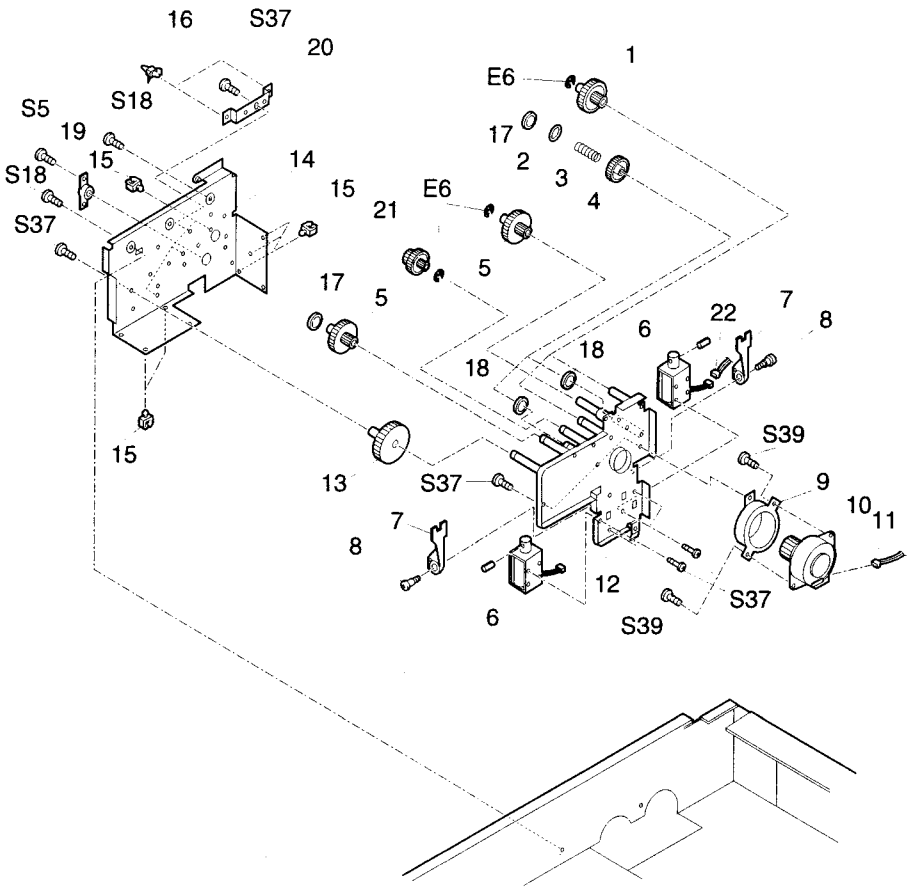
Optics






## Optics Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKB08758 | Rear Frame | 1 | N | |
| 2 | FFPXK19D80 | Pulley Bracket, Right Ass'y | 2 | C13 | |
| 3 | FFPMB0220 | Pulley 1 | 8 | C13 | |
| 4 | FFPKQ01423 | Flange | 8 | C13 | |
| 5 | FFPMN0105 | Belt, Half Speed Unit | 2 | C13 | |
| 6 | FFPMN0104 | Belt | 2 | C13 | |
| 7 | FFPMV0004 | Polyslider | 6 | C13 | |
| 8 | FFPMB02212 | Pulley | 2 | C13 | |
| 9 | FFPLP1059 | Tension Spring | 4 | N | |
| 10 | FFPXK32D60 | Tension Arm Ass'y | 2 | N | |
| 11 | TLP1225 | Sensor | 2 | C13 | |
| 12 | FFPXK21D802 | Shaft Ass'y, Half Speed Unit | 1 | C13 | |
| 13 | FFPXK22D80 | Shaft Ass'y | 1 | C13 | |
| 14 | FFPMQ0532 | Bushing | 1 | C13 | |
| 15 | FFPKD12506 | Front Stay, Optics | 1 | C13 | |
| 16 | FFPKB08526 | Bottom Plate, Right | 1 | C13 | |
| 17 | FFPKD12514 | Rear Stay, Optics | 1 | C13 | |
| 18 | FFPXK33D60 | Tension Arm Ass'y, Front | 1 | N | |
| 19 | FFPKB08748 | Front Frame | 1 | N | |
| 20 | FFPKD1241 | Harness Holder | 1 | C13 | |
| 21 | FFPXK17D80 | Pulley Bracket, Left Ass'y | 2 | C13 | |
| 22 | FFPKB08832 | Bottom Plate, Left | 1 | C13 | |
| 23 | FFPDU0063 | Discharge Brush | 1 | C13 | |
| 24 | FFPWC1533 | LPF Harness | 1 | C13 | |
| 25 | FFPXK34D60 | Tension Arm Ass'y, Rear | 1 | N | |
| 26 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 27 | FFPFA0121 | Shoulder Screw | 2 | C13 | |
| 28 | FFPMQ0601 | Bushing | 2 | N | |
| 29 | FFPLQ04081 | Pressure Spring, Pad | 2 | C13 | |
| 30 | FFPKD1283 | Bracket, Half Speed Unit | 2 | C13 | |
| 31 | FFPWC1546 | LHP Harness | 1 | C13 | |
| 32 | FFPFJ0042 | Touch Ring | 4 | C13 | |
| 33 | FFPMB02231 | Tension Roller | 4 | N | |

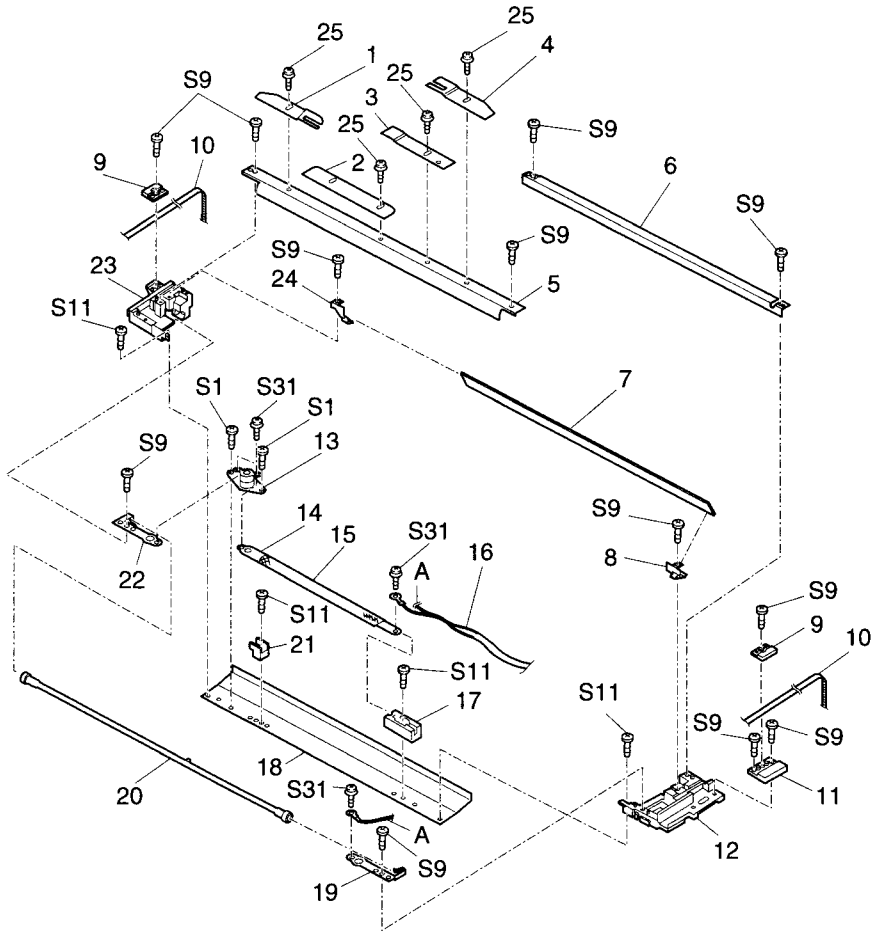







## Optics Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMF09331 | Gear, Idle 2 | 2 | C13 | |
| 2 | FFPMV0030 | Polyslider | 2 | C13 | |
| 3 | FFPLP09371 | Selection Spring | 2 | C13 | |
| 4 | FFPMF0932 | Gear, Idle 1 | 2 | C13 | |
| 5 | FFPMF0934 | Gear, Idle 3 | 2 | C13 | |
| 6 | FFPXK30D80 | Solenoid Ass'y | 2 | C13 | |
| 7 | FFPLL0532 | Selection Lever | 2 | C13 | |
| 8 | FFPLG09411 | Slide Shaft Screw | 2 | C13 | |
| 9 | FFPHL0010 | Damper | 1 | C13 | |
| 10 | FFPXK27D80 | Motor Ass'y | 1 | C13 | |
| 11 | FFPWC1539 | LM Harness | 1 | C13 | |
| 11 | FFPWC1722 | LMD Harness (for Taiwan) | 1 | C13 | |
| 12 | FFPKB08763 | Motor Frame 1 | 1 | C13 | |
| 13 | FFPMF09291 | Gear, Idle 4 | 1 | C13 | |
| 14 | FFPKB08594 | Motor Frame 2 | 1 | C13 | |
| 15 | UAMS05S2 | Clamp | 8 | C13 | |
| 16 | KGLS3S | Card Spacer | 2 | C13 | |
| 17 | FFPHP0735 | Cushion | 3 | C13 | |
| 18 | FFPHP0736 | Cushion | 2 | C13 | |
| 19 | FFPMQ0525 | Motor Bushing | 1 | C13 | |
| 20 | FFPKR16721 | Bracket, PCB | 1 | C13 | |
| 21 | FFPMF0976 | Gear, Idle 5 | 1 | C13 | |
| 22 | FFPWC1721 | ZM Harness (for Taiwan) | 1 | C13 | |

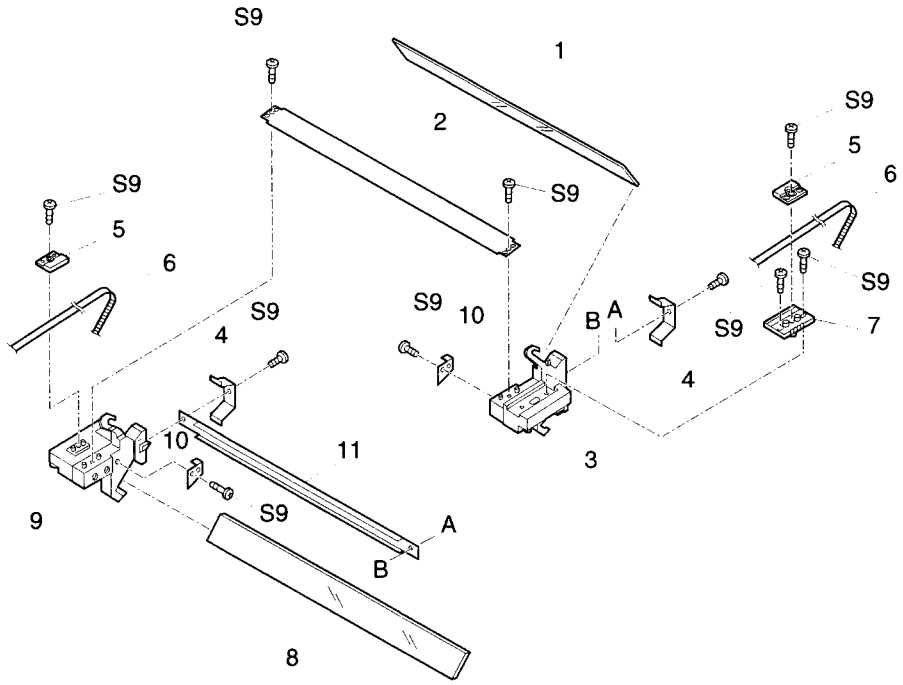





## Optics, Exposure Lamp Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPJC02181 | Adjust Plate 4, Optics | 1 | C13 | |
| 2 | FFPJC0217 | Adjust Plate 3, Optics | 1 | C13 | |
| 3 | FFPJC02161 | Adjust Plate 2, Optics | 1 | C13 | |
| 4 | FFPJC02151 | Adjust Plate 1, Optics | 1 | C13 | |
| 5 | FFPGC0176 | Main Reflector, Upper | 1 | C13 | |
| 6 | FFPGC0178 | Sub Reflector | 1 | C13 | |
| 7 | FFPGC0179 | No. 1 Mirror | 1 | C13 | |
| 8 | FFPLQ03771 | Spring | 1 | C13 | |
| 9 | FFPKD1243 | Belt Holder 1 | 2 | C13 | |
| 10 | FFPMN0104 | Belt | 2 | C13 | |
| 11 | FFPKD1244 | Belt Holder 2 | 1 | C13 | |
| 12 | FFPKQ01432 | Side Frame, Front | 1 | C13 | |
| 13 | FFPET0013 | Thermostat ⚠ | 1 | C13 | |
| 14 | FFPDF0254 | Terminal Plate | 1 | C13 | |
| 15 | FFPEZ0202 | Tube | 1 | C13 | |
| 16 | FFPWC1553 | LP Harness ⚠ | 1 | C13 | |
| 17 | FFPDE0070 | Lamp Bracket, Front | 1 | C13 | |
| 18 | FFPGC01771 | Main Reflector, Lower | 1 | C13 | |
| 19 | FFPDF02533 | Lamp Terminal, Front | 1 | C13 | |
| 20 | E08V025WN2A | Exposure Lamp ⚠ (for North America/Taiwan) | 1 | C13 | PM |
| 20 | E16V025WN2A | Exposure Lamp (Others) ⚠ | 1 | C13 | PM |
| 21 | FFPDE0071 | Lamp Bracket, Rear | 1 | C13 | |
| 22 | FFPDF02552 | Lamp Terminal, Rear | 1 | C13 | |
| 23 | FFPKQ01442 | Side Frame, Rear | 1 | C13 | |
| 24 | FFPLQ03781 | Spring | 1 | C13 | |
| 25 | FFPFA0111 | Shoulder Screw | 4 | C13 | |

Optics

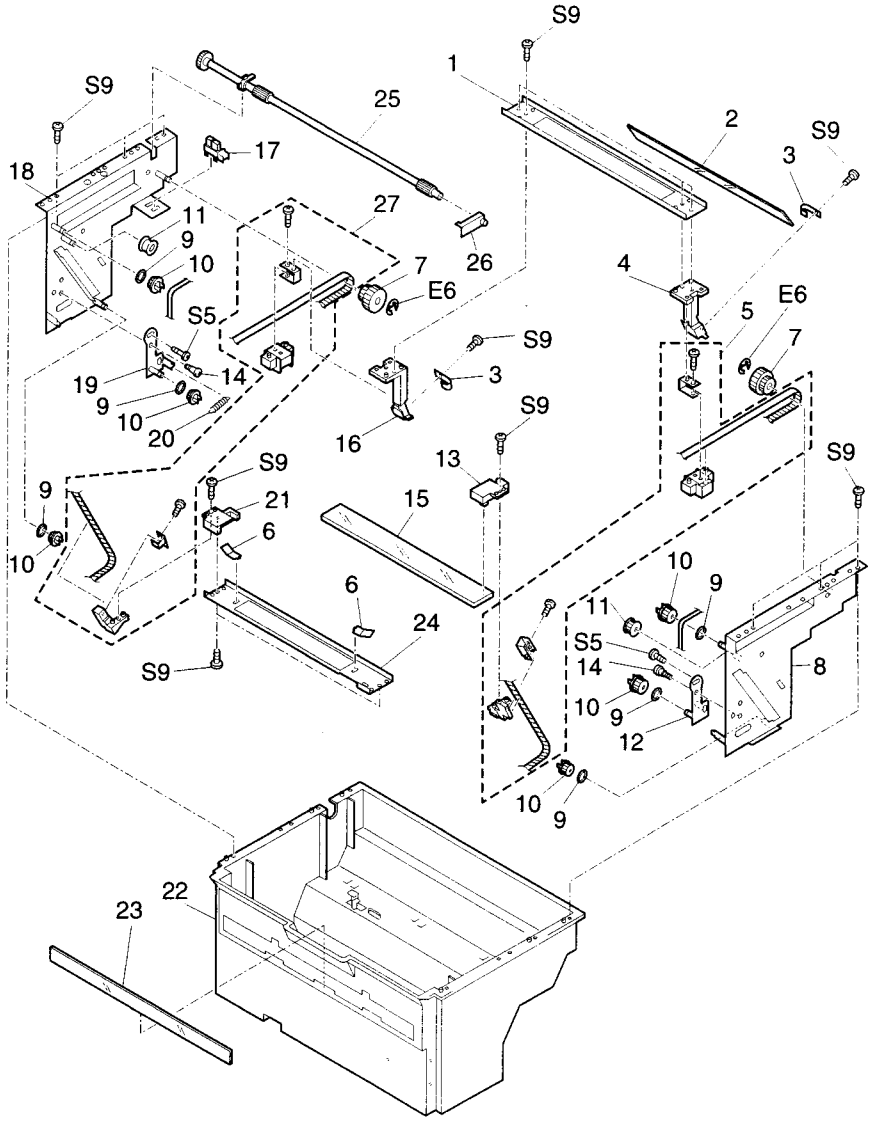





## Optics, Half Speed Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPGC0180 | No. 2 Mirror | 1 | C13 | |
| 2 | FFPKS0994 | Connection Plate | 1 | C13 | |
| 3 | FFPKQ01452 | Side Frame, Front | 1 | C13 | |
| 4 | FFPLQ0379 | Spring | 2 | C13 | |
| 5 | FFPKD1243 | Belt Holder 1 | 2 | C13 | |
| 6 | FFPMN0105 | Belt, Half Speed Unit | 2 | C13 | |
| 7 | FFPKD1244 | Belt Holder 2 | 1 | C13 | |
| 8 | FFPGC0181 | No. 3 Mirror | 1 | C13 | |
| 9 | FFPKQ01461 | Side Frame, Rear | 1 | C13 | |
| 10 | FFPKD12711 | Mirror Support | 2 | C13 | |
| 11 | FFPKU00952 | Support, Half Speed Unit | 1 | C13 | |

Optics

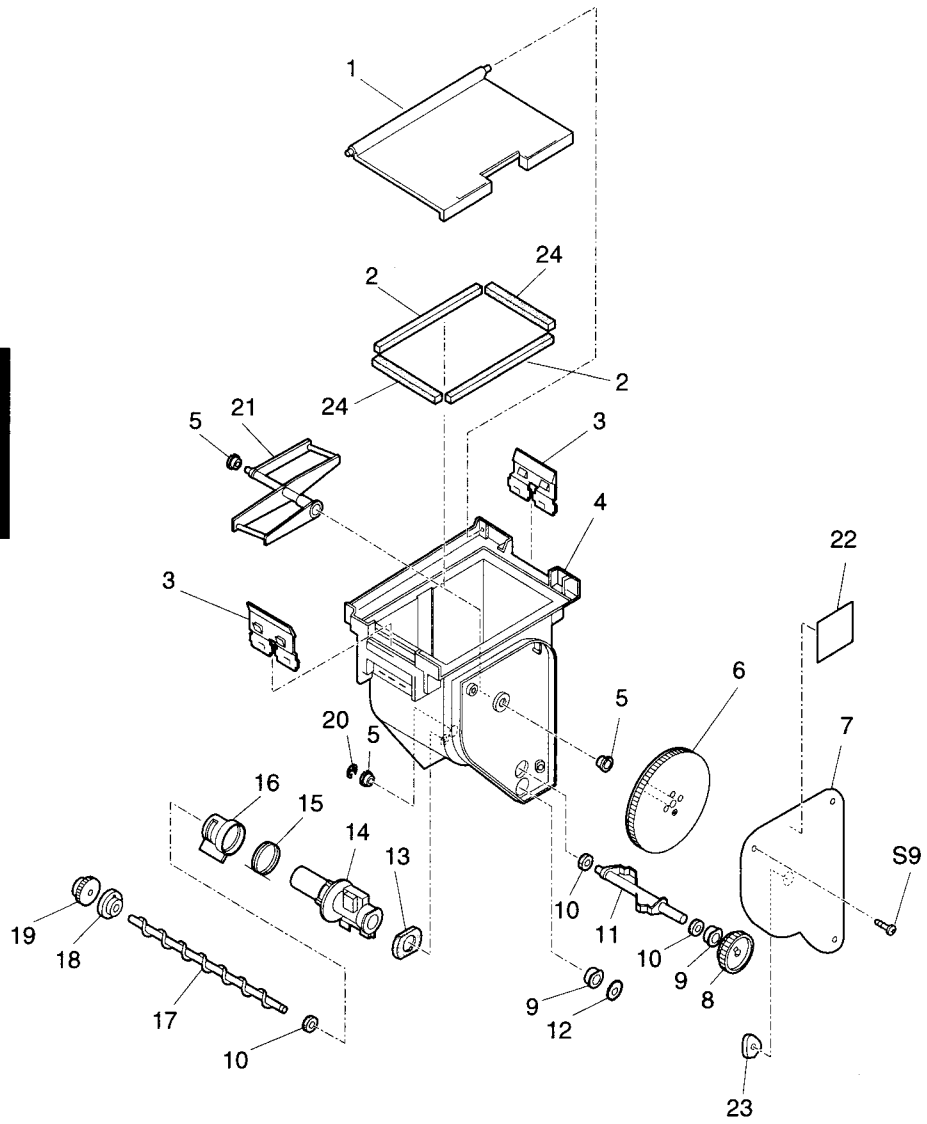





## Optics, No. 5/6 Mirror

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKS09961 | Support, No. 6 Mirror | 1 | C13 | |
| 2 | FFPGC0183 | No. 6 Mirror | 1 | C13 | |
| 3 | FFPLQ03831 | Pressure Spring | 2 | C13 | |
| 4 | FFPKD12471 | No. 6 Mirror Holder, Front | 1 | C13 | |
| 5 | FFPXK03D80 | 5/6 Belt, Front Ass'y | 1 | C13 | |
| 6 | FFPLQ03801 | Pressure Spring | 2 | C13 | |
| 7 | FFPMB0228 | Pulley | 2 | C13 | |
| 8 | FFPXK01D60 | Drive Bracket, Front Ass'y | 1 | N | |
| 9 | FFPKQ0150 | Flange | 6 | C13 | |
| 10 | FFPMB02251 | Pulley | 6 | C13 | |
| 11 | FFPMB02261 | Pulley | 2 | C13 | |
| 12 | FFPXK02D80 | 5/6 Tension Plate, Front Ass'y | 1 | C13 | |
| 13 | FFPKD12452 | No. 5 Mirror Holder, Front | 1 | C13 | |
| 14 | FFPFA0020 | Shoulder Screw | 2 | C13 | |
| 15 | FFPGC0182 | No. 5 Mirror | 1 | C13 | |
| 16 | FFPKD12481 | No. 6 Mirror Holder, Rear | 1 | C13 | |
| 17 | TLP1225 | Sensor | 1 | C13 | |
| 18 | FFPXK05D60 | Drive Bracket, Rear Ass'y | 1 | N | |
| 19 | FFPXK06D80 | 5/6 Tension Plate, Rear Ass'y | 1 | C13 | |
| 20 | FFPLP0958 | Tension Spring | 1 | C13 | |
| 21 | FFPKD12462 | No. 5 Mirror Holder, Rear | 1 | C13 | |
| 22 | FFPKE09645 | Optics Unit Cover | 1 | C13 | |
| 23 | FFPGC0184 | Cover Glass | 1 | C13 | |
| 24 | FFPKS09951 | Support, No. 5 Mirror | 1 | C13 | |
| 25 | FFPXK12D80 | Connection Shaft Ass'y | 1 | C13 | |
| 26 | FFPMQ05052 | Bushing | 1 | C13 | |
| 27 | FFPXK07D80 | 5/6 Belt, Rear Ass'y | 1 | C13 | |

Optics

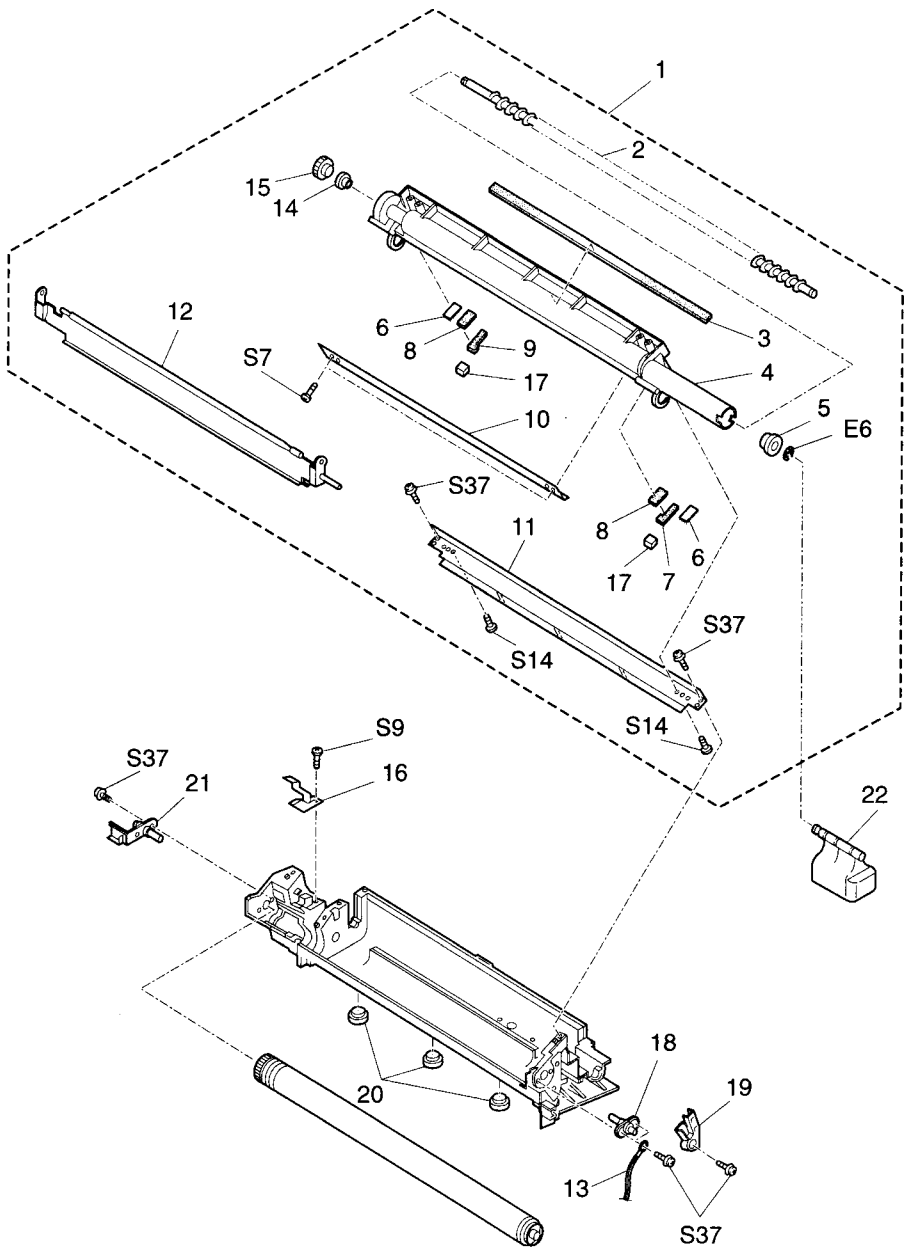





## Toner Hopper Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKE0973 | Inner Hopper Cover | 1 | C13 | |
| 2 | FFPHP0785 | Side Seal B | 2 | N | |
| 3 | FFPKF12211 | Stopper | 2 | C13 | |
| 4 | FFPKB08681 | Hopper Frame | 1 | C13 | |
| 5 | FFPMQ0376 | Bushing | 3 | C13 | |
| 6 | FFPMF0952 | Gear | 1 | C13 | |
| 7 | FFPKE09791 | Gear Cover | 1 | C13 | |
| 8 | FFPMF0953 | Gear | 1 | C13 | |
| 9 | FFPMQ0512 | Bushing | 2 | C13 | |
| 10 | FFPHP0724 | Bushing Seal | 3 | C13 | |
| 11 | FFPLG1409 | Shaft | 1 | C13 | |
| 12 | FFPMF0954 | Gear | 1 | C13 | |
| 13 | FFPHP0722 | Pipe Seal | 1 | C13 | |
| 14 | FFPHD00211 | Pipe, Toner Supply | 1 | C13 | |
| 15 | FFPLP0949 | Shutter Spring | 1 | C13 | |
| 16 | FFPKM02752 | Pipe Shutter | 1 | C13 | |
| 17 | FFPHG00451 | Coil, Toner Supply | 1 | C13 | |
| 18 | FFPMQ0513 | Bushing | 1 | C13 | |
| 19 | FFPMF0955 | Coil Gear, Rear | 1 | C13 | |
| 20 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 21 | FFPHH00781 | Agitator | 1 | C13 | |
| 22 | FFPTE2020 | Label, Prohibition Waste Toner | 1 | C13 | |
| 23 | FFPHP0733 | Sponge, Gear Cover | 1 | C13 | |
| 24 | FFPHP0784 | Side Seal A | 2 | N | |

Toner Hopper Unit

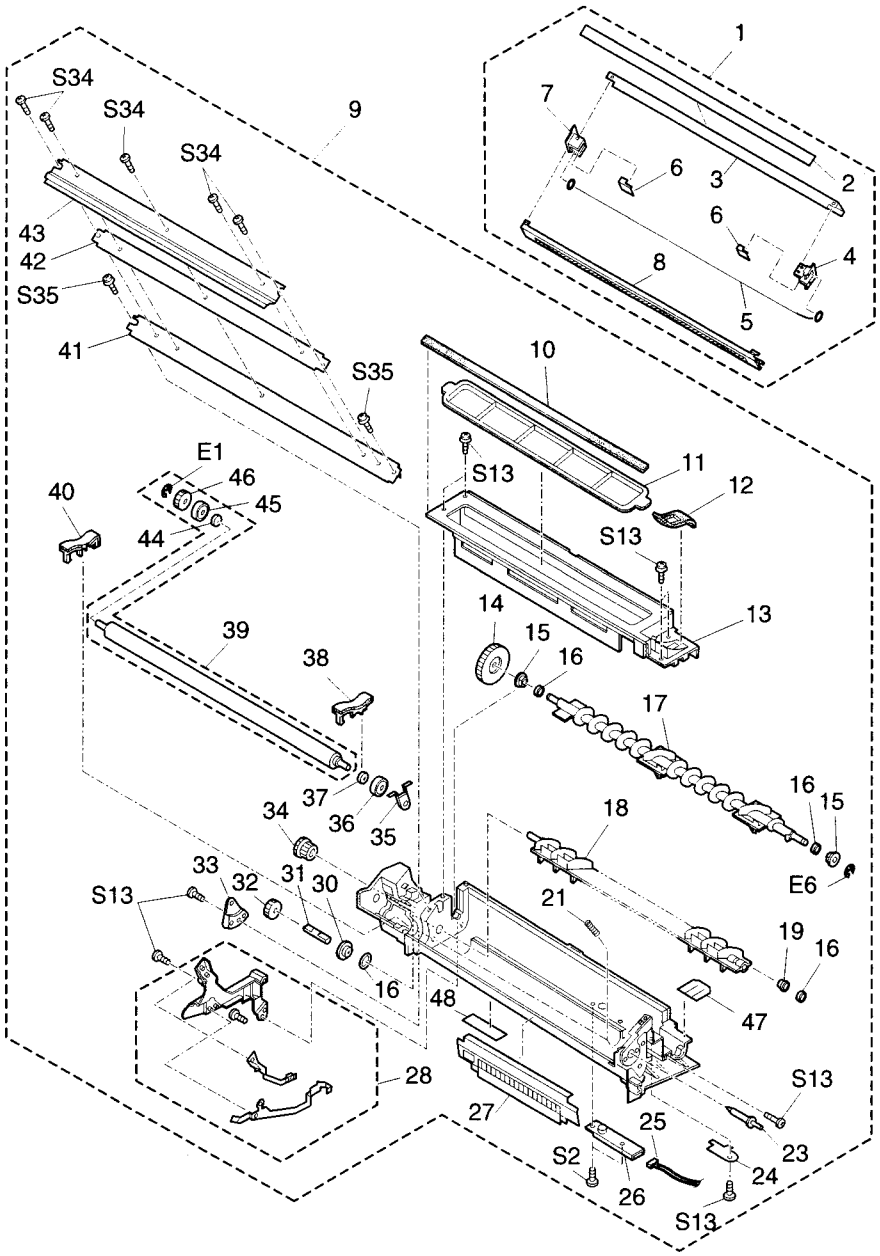





## Developer Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPXG10D60 | Cleaning Frame Ass'y (for Taiwan) | 1 | N | |
| 1 | FFPXG10D61 | Cleaning Frame Ass'y | 1 | N | |
| 2 | FFPHG0044 | Recycle Coil | 1 | C13 | |
| 3 | FFPHP0714 | Seal 1 | 1 | C13 | |
| 4 | FFPKB08673 | Cleaning Frame | 1 | C13 | |
| 5 | FFPMQ0509 | Bushing | 1 | C13 | |
| 6 | FFPHP0717 | Seal 4 | 2 | C13 | |
| 7 | FFPHP0716 | Seal 3 | 1 | C13 | |
| 8 | FFPHP0715 | Seal 2 | 2 | C13 | |
| 9 | FFPHP0719 | Seal 5 | 1 | C13 | |
| 10 | FFPKD12571 | Stay | 1 | C13 | |
| 11 | FFPHK09051 | Cleaning Blade | 1 | C13 | PM |
| 12 | FFPXG14D802 | Drum Cover Ass'y | 1 | C13 | |
| 13 | FFPWC1723 | TS Harness | 1 | C13 | |
| 14 | FFPMQ0276 | Bushing | 1 | C13 | |
| 15 | FFPMF0951 | Coil Gear | 1 | C13 | |
| 16 | FFPDF02612 | Grid Lead | 1 | C13 | |
| 17 | FFPHP0730 | Seal 6 | 2 | C13 | |
| 18 | FFPLG1407 | Drum Shaft, Front | 1 | C13 | |
| 19 | FFPKD1258 | Discharge Holder | 1 | C13 | |
| 20 | FFPLA0090 | Cap | 3 | C13 | |
| 21 | FFPLG14081 | Drum Shaft, Rear | 1 | C13 | |
| 22 | FFPQA0143 | Waste Toner Bottle | 1 | C13 | PM |

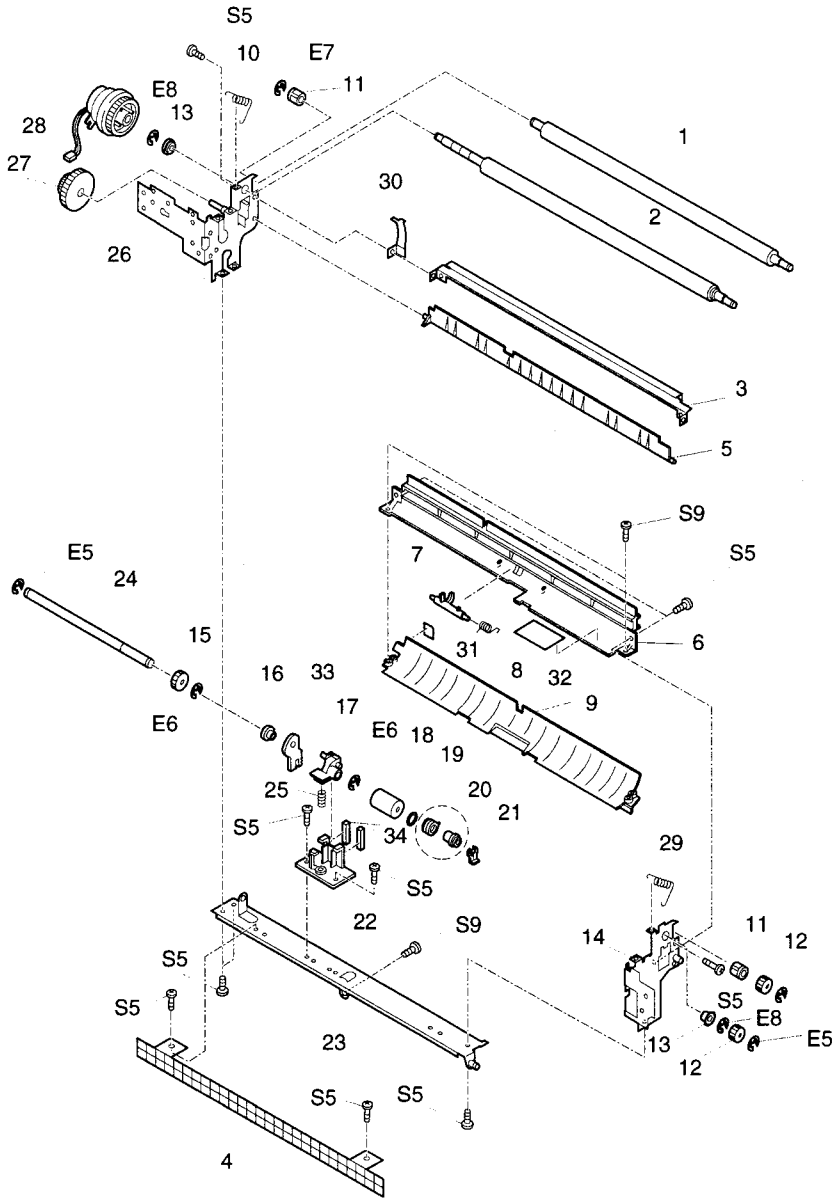
Developer Section







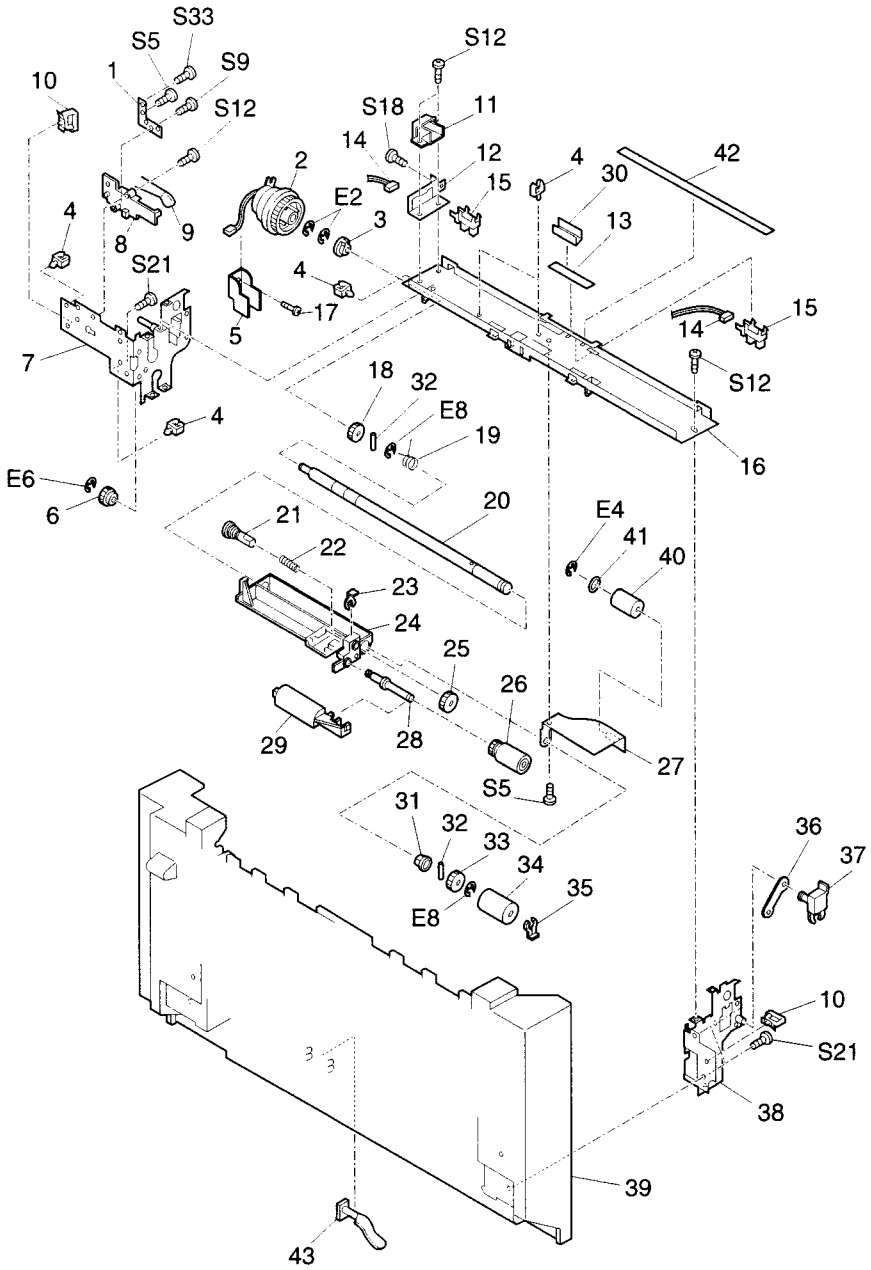

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPXG07D801 | Corona No.1 Ass'y | 1 | C13 | |
| 2 | FFPHK0908 | Blind Sheet | 1 | C13 | |
| 3 | FFPJA0270 | Frame, No.1 Corona | 1 | C13 | |
| 4 | FFPKQ01581 | Corona Block 1 | 1 | C13 | |
| 5 | FFPEY00641 | Corona Wire | 1 | C13 | PM |
| 6 | FFPJA0271 | Corona Cover 1 | 2 | C13 | |
| 7 | FFPXG06D80 | Corona Block 2 | 1 | C13 | |
| 8 | FFPKQ0160 | Corona Grid | 1 | C13 | |
| 9 | FFPXG12D87 | Developer Unit Ass'y (for Taiwan) | 1 | C13 | |
| 9 | FFPXG12D811 | Developer Unit Ass'y | 1 | C13 | |
| 10 | FFPHP0718 | Seal, Frame Cover | 1 | C13 | |
| 11 | FFPQF0033 | Cap | 1 | C13 | |
| 12 | FFPHP07132 | Hopper Seal | 1 | C13 | |
| 13 | FFPKE09711 | Frame Cover | 1 | C13 | |
| 14 | FFPMF0949 | Transfer Gear | 1 | C13 | |
| 15 | FFPMQ0166 | Bushing | 2 | C13 | |
| 16 | FFPHP05531 | G Seal | 4 | C13 | |
| 17 | FFPHG00431 | Supply Coil | 1 | C13 | |
| 18 | FFPKS10012 | String Paddle | 1 | C13 | |
| 19 | FFPMQ0510 | Bushing | 1 | C13 | |
| 20 | | ==Not used== | | | |
| 21 | FFPLP0948 | Pressure Spring | 2 | C13 | |
| 22 | | ==Not used== | | | |
| 23 | FFPLG1406 | Paddle Shaft 2 | 1 | C13 | |
| 24 | FFPKE0969 | Sensor Cover | 1 | C13 | |
| 25 | FFPWC1551 | TDC Harness | 1 | C13 | |
| 26 | TS0524ANA71C | TDC Sensor | 1 | C13 | |
| 27 | FFPXG11D801 | Cover Ass'y | 1 | C13 | |
| 28 | FFPXG08D801 | Terminal Case Ass'y | 1 | C13 | |
| 29 | | ==Not used== | | | |
| 30 | FFPMQ0166 | Bushing | 1 | C13 | |
| 31 | FFPLG1405 | Paddle Shaft 1 | 1 | C13 | |
| 32 | FFPMF0948 | Gear, Paddle | 1 | C13 | |
| 33 | FFPMQ0508 | Bushing | 1 | C13 | |
| 34 | FFPMF0950 | Gear, Idle 1 | 1 | C13 | |
| 34 | FFPMF0974 | Gear, Idle 1 (for Taiwan) | 1 | C13 | |
| 35 | FFPKQ01531 | Support, Magnetic Pole | 1 | C13 | |
| 36 | FFPHQ00441 | Spacer Ring, Front | 1 | C13 | |
| 36 | FFPHQ0047 | Spacer Ring, Front (for Taiwan) | 1 | C13 | |
| 37 | FFPHQ0045 | Bushing | 1 | C13 | |
| 38 | FFPKQ01632 | Magnetic Roller Stopper, Front | 1 | C13 | |
| 39 | FFPXG02D801 | Magnetic Roller Ass'y (for Taiwan) | 1 | C13 | |
| 39 | FFPXG02D81 | Magnetic Roller Ass'y | 1 | C13 | |
| 40 | FFPKQ01642 | Magnetic Roller Stopper, Rear | 1 | C13 | |
| 41 | FFPKD1265 | Blade Stay | 1 | C13 | |
| 42 | FFPHK0904 | Doctor Blade | 1 | C13 | |
| 43 | FFPKE0968 | Cover, Toner Dispersion | 1 | C13 | |
| 44 | FFPMQ0507 | Bearing | 1 | C13 | |
| 45 | FFPHQ00431 | Spacer Ring, Rear | 1 | C13 | |
| 45 | FFPHQ0048 | Spacer Ring, Rear (for Taiwan) | 1 | C13 | |
| 46 | FFPMF0947 | Magnetic Roller Gear | 1 | C13 | |
| 46 | FFPMF0973 | Magnetic Roller Gear (for Taiwan) | 1 | C13 | |
| 47 | FFPHK09111 | Mylar | 1 | C13 | |
| 48 | FFPHK09141 | Sheet | 1 | C13 | |








| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMA0600 | Registration Roller (Rubber) | 1 | C13 | |
| 2 | FFPMA0598 | Registration Roller (Steel) | 1 | N | |
| 3 | FFPXF18D804 | Cleaning Pad Ass'y | 1 | C13 | |
| 4 | FFPKF12481 | Paper Guide 2 (FP-7715) | 1 | C15 | |
| 5 | FFPKF1229 | Flapper Plate | 1 | C13 | |
| 6 | FFPKF12282 | Paper Guide 3 | 1 | C13 | |
| 7 | FFPLL05382 | Sensor Lever | 1 | C13 | |
| 8 | FFPLR02582 | Spring | 1 | C13 | |
| 9 | FFPKF12271 | Paper Guide 2 | 1 | C13 | |
| 10 | FFPLP09521 | Pressure Spring | 1 | C13 | |
| 11 | FFPMQ0515 | Bushing | 2 | C13 | |
| 12 | FFPMF0724 | Gear, Registration Roller | 2 | C13 | |
| 13 | FFPMQ04511 | Bushing (FP-7713) | 2 | C13 | |
| 13 | FFPMQ0517 | Bearing (FP-7715) | 2 | C15 | |
| 14 | FFPKB08732 | Front Frame, Bypass | 1 | C13 | |
| 15 | FFPMF09661 | Gear, DFP Shaft | 1 | C13 | |
| 16 | FFPMQ0521 | Bushing | 1 | C13 | |
| 17 | FFPLK0310 | DFP Arm | 1 | C13 | |
| 18 | FFPMA0520 | DFP Roller | 1 | C13 | PM |
| 19 | FFPMV0044 | Polyslider | 1 | C13 | |
| 20 | FFPXF21D80 | Torque Limiter Ass'y | 1 | C13 | PM |
| 21 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 22 | FFPKD12623 | DFP Holder | 1 | C13 | |
| 23 | FFPKD1272 | DFP Stay | 1 | C13 | |
| 24 | FFPLG1416 | DFP Shaft | 1 | C13 | |
| 25 | FFPLP09531 | Pressure Spring | 1 | C13 | |
| 26 | FFPXF11D80 | Rear Frame, Bypass | 1 | C13 | |
| 26 | FFPXF11D81 | Rear Frame, Bypass (for North America) | 1 | C13 | |
| 27 | FFPMF09591 | Gear, Idle 39T/26T | 1 | C13 | |
| 28 | BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | 1 | N | |
| 28 | BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | 1 | N | |
| 29 | FFPLP1058 | Pressure Spring | 1 | N | |
| 30 | FFPLQ0402 | Cover Terminal | 1 | C13 | |
| 31 | FFPHP06511 | Seal 10 | 1 | C13 | |
| 32 | FFPKS1021 | Plate, Anti-vibration | 1 | C13 | |
| 33 | FFPKF1236 | Stopper, DFP Roller Shaft | 1 | C13 | |
| 34 | FFPKP00781 | Pad 2 | 2 | C13 | |



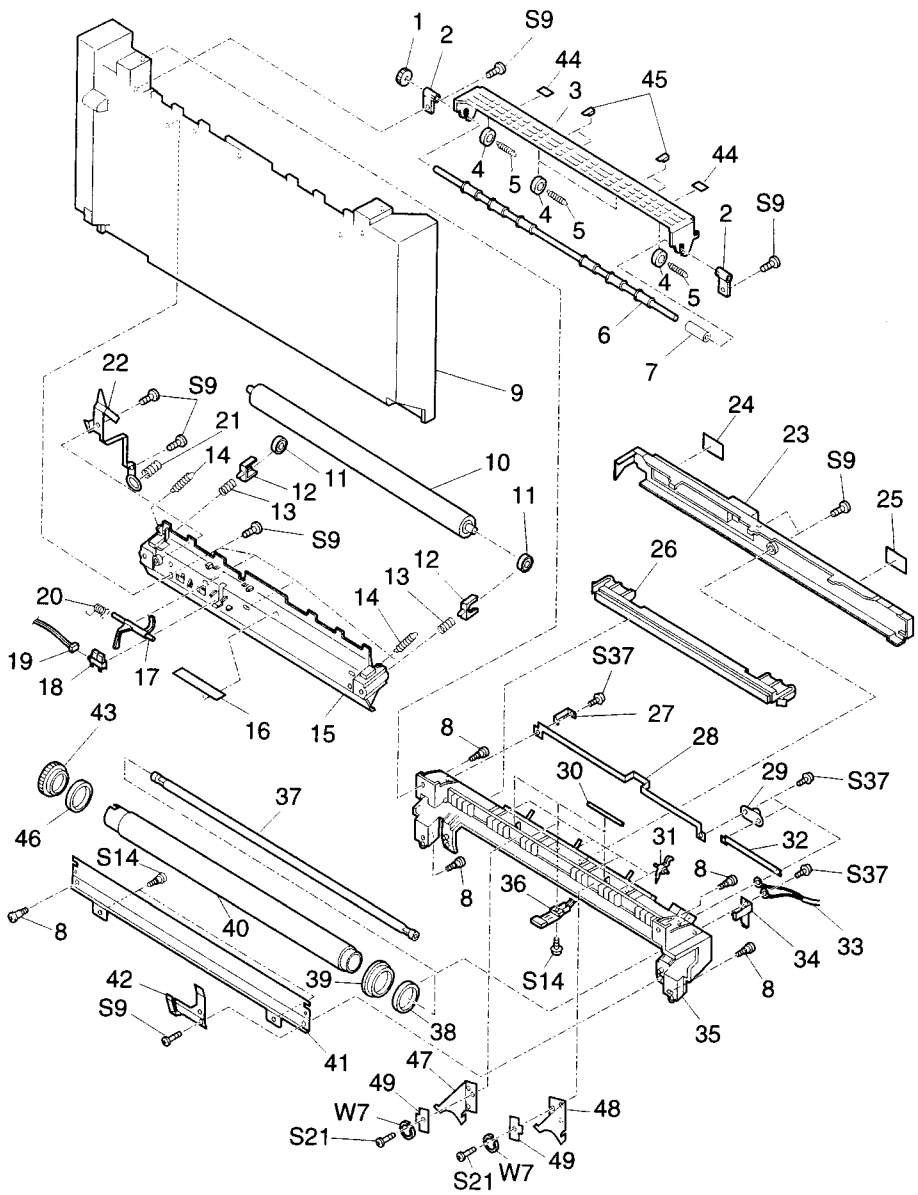



## Paper Feed Section

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPUF01D63 | Left Cover Ass'y (FP-7713 for others) | 1 | N | |
| 0 | FFPUF01G43 | Left Cover Ass'y (FP-7715 for others) | 1 | N | |
| 0 | FFPUF01D67 | Left Cover Ass'y (FP-7113 for Taiwan) | 1 | N | |
| 0 | FFPUF01G47 | Left Cover Ass'y (FP-7115 for Taiwan) | 1 | N | |
| 0 | FFPUF01D61 | Left Cover Ass'y (FP-7713 for North America) | 1 | N | |
| 0 | FFPUF01G41 | Left Cover Ass'y (FP-7715 for North America) | 1 | N | |
| 1 | FFPDF0263 | Ground Plate | 1 | C13 | |
| 2 | BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | 1 | N | |
| 2 | BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | 1 | N | |
| 3 | FFPMQ0516 | Bushing | 1 | C13 | |
| 4 | UAMS05S2 | Clamp | 5 | C13 | |
| 5 | FFPKF13731 | Clutch Stopper 1 | 1 | N | |
| 6 | FFPMF0787 | Idle Gear | 1 | C13 | |
| 7 | FFPKB08771 | Rear Frame, Paper Feed | 1 | C13 | |
| 8 | FFPKH0303 | Insulation Spacer | 1 | C13 | |
| 9 | ERZV10D751 | ZNR | 1 | C13 | |
| 10 | LWS1S | LWS | 2 | C13 | |
| 11 | FFPJA0277 | Harness Guide | 1 | C13 | |
| 12 | FFPKU01631 | Support | 1 | C13 | |
| 13 | FFPKP0081 | Cleaning Pad (FP-7713) | 1 | C13 | |
| 13 | FFPKP00741 | Cleaning Pad (FP-7713) | 1 | C15 | |
| 14 | FFPWC1572 | KB Harness (FP-7715) | 1 | C13 | |
| 14 | FFPWC1545 | KB Harness (FP-7713) | 1 | C13 | |
| 15 | TLP1225 | Sensor (FP-7713) | 1 | C13 | |
| 15 | TLP1225 | Sensor (FP-7715) | 2 | C13 | |
| 16 | FFPKD12611 | Roller Stay, Paper Feed | 1 | C13 | |
| 17 | FFPFA0151 | Shoulder Screw | 1 | N | |
| 18 | FFPMF0965 | Gear, DFP Drive 16T | 1 | C13 | |
| 19 | FFPLR0257 | Spring | 1 | C13 | |
| 20 | FFPLG15731 | Paper Feed Shaft 3 | 1 | N | |
| 21 | FFPMD0026 | Boss | 1 | C13 | |
| 22 | FFPLR02562 | Spring | 1 | C13 | |
| 23 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 24 | FFPKR16611 | Bracket, Pick up Roller | 1 | C13 | |
| 25 | FFPMF0960 | Gear, Pick up Idle | 1 | C13 | |
| 26 | FFPMA0521 | Pick up Roller | 1 | C13 | PM |
| 27 | FFPKS1020 | Bracket, Paper Feed Roller | 1 | C13 | |
| 28 | FFPLG1418 | Pick up Roller Shaft | 1 | C13 | |
| 29 | FFPKD12641 | Finger Support | 1 | C13 | |
| 30 | FFPKN03731 | Cleaning Pad | 1 | C13 | |
| 31 | FFPMQ0383 | Bushing | 1 | C13 | |
| 32 | XPJ2D10WV | Pin | 2 | C13 | |
| 33 | FFPMF0958 | Gear, Pick up Drive | 1 | C13 | |
| 34 | FFPMA0518 | Paper Feed Roller | 1 | C13 | PM |
| 35 | FFPFJ0039 | Touch Ring | 1 | C13 | |
| 36 | FFPLK0312 | Tray Arm 2 (except North America) | 1 | C13 | |
| 37 | FFPLK03111 | Tray Arm 1 (except North America) | 1 | C13 | |
| 38 | FFPKB08732 | Front Frame, Bypass | 1 | C13 | |
| 39 | FFPNA05675 | Left Cover ⚠ | 1 | C13 | |
| 40 | FFPMQ0400 | Roller Clutch | 1 | C13 | |
| 41 | FFPMV0004 | Polyslider | 1 | C13 | |
| 42 | FFPKP0081 | Cleaning Pad | 1 | C13 | |
| 43 | FFPLL05481 | Sensor Lever (FP-7715) | 1 | C13 | |



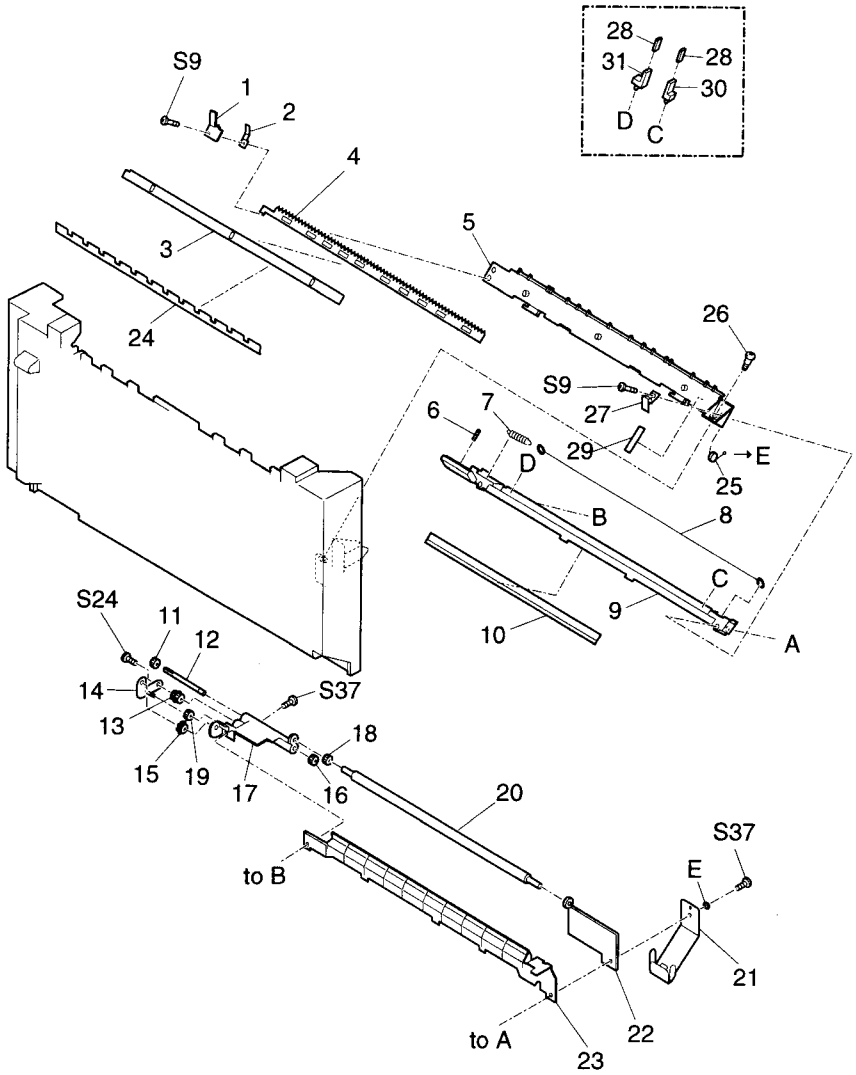
Paper Feed Section






## Fuser Section

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMF0946 | Gear, Exit Roller | 1 | C13 | |
| 2 | FFPMQ0506 | Bushing | 2 | C13 | |
| 3 | FFPKF12202 | Guide 1 | 1 | C13 | |
| 4 | FFPMA05151 | Exit Roller 2 | 4 | C13 | |
| 5 | FFPLP09461 | Roller Spring | 4 | C13 | |
| 6 | FFPMA05142 | Exit Roller | 1 | C13 | |
| 7 | FFPLT0121 | Holder, Exit Roller 2 | 1 | C13 | |
| 8 | FFPFA0138 | Shoulder Screw | 5 | C13 | |
| 9 | FFPNA05675 | Left Cover ⚠ | 1 | C13 | |
| 10 | FFPMA0523 | Pressure Roller | 1 | C13 | PM |
| 11 | FFPMQ0520 | Bearing | 2 | C13 | |
| 12 | FFPMQ0518 | Bearing Holder | 2 | C13 | |
| 13 | FFPLP09551 | Pressure Spring | 2 | C13 | |
| 14 | FFPLP09471 | Spring | 2 | C13 | |
| 15 | FFPLF01763 | Heat-insulating Cover | 1 | C13 | |
| 16 | FFPDU0064 | Discharge Brush | 1 | C13 | |
| 17 | FFPLK0306 | Sensor Arm | 1 | C13 | |
| 18 | TLP1225 | Sensor | 1 | C13 | |
| 19 | FFPWC1536 | SHPS Harness | 1 | C13 | |
| 20 | FFPLR0252 | Spring | 1 | C13 | |
| 21 | FFPLP09432 | Pressure Spring 1 | 1 | C13 | |
| 22 | FFPDF02572 | Ground Terminal | 1 | C13 | |
| 23 | FFPKE09783 | Fuser Cover | 1 | C13 | |
| 24 | FFPTE1677 | Caution Label, High Temperature | 1 | C13 | |
| 25 | FFPTE19342 | Label, Paper Jam | 1 | C13 | |
| 26 | FFPKM02785 | Cleaning Pad | 1 | C13 | PM |
| 27 | FFPDF0267 | Bracket, Lamp Terminal 2 | 1 | C13 | |
| 28 | FFPDF0266 | Electric Plate 2 | 1 | C13 | |
| 29 | FFPET0014 | Thermostat | 1 | C13 | |
| 30 | FFPLN0005 | Finger Spring | 2 | C13 | |
| 31 | FFPLK0336 | Finger | 4 | N | PM |
| 32 | FFPDF0265 | Electric Plate 1 | 1 | C13 | |
| 33 | FFPWC1554 | FU Harness ⚠ | 1 | C13 | |
| 34 | FFPDF0264 | Bracket, Lamp Terminal 1 | 1 | C13 | |
| 35 | FFPKB087211 | Fuser Frame | 1 | N | |
| 36 | FFPBL0013 | Thermistor ⚠ | 1 | C13 | PM |
| 37 | H12V1KWN1A | Lamp (for North America/Taiwan) ⚠ | 1 | C13 | PM |
| 37 | H22V1KWN1A | Lamp (except North America/Taiwan) ⚠ | 1 | C13 | PM |
| 38 | FFPMQ0523 | Bearing | 1 | C13 | |
| 39 | FFPMQ0524 | Bushing | 1 | N | |
| 40 | FFPMA05242 | Heat Roller | 1 | C13 | PM |
| 41 | FFPKF12311 | Front Guide | 1 | C13 | |
| 42 | FFPDF02682 | Ground Plate | 1 | C13 | |
| 43 | FFPMF09611 | Gear, Heat Roller | 1 | C13 | |
| 44 | FFPHK1006 | Sheet | 2 | N | |
| 45 | FFPKN0340 | Paper Exit Rubber (for Taiwan/China) | 4 | C13 | |
| 46 | FFPMQ0529 | Bushing | 1 | C13 | |
| 47 | FFPKF12502 | Rib 1 (for Taiwan/China) | 1 | C13 | |
| 48 | FFPKF12512 | Rib 2 (for Taiwan/China) | 1 | C13 | |
| 49 | FFPKD12982 | Plate (for Taiwan/China) | 2 | C13 | |

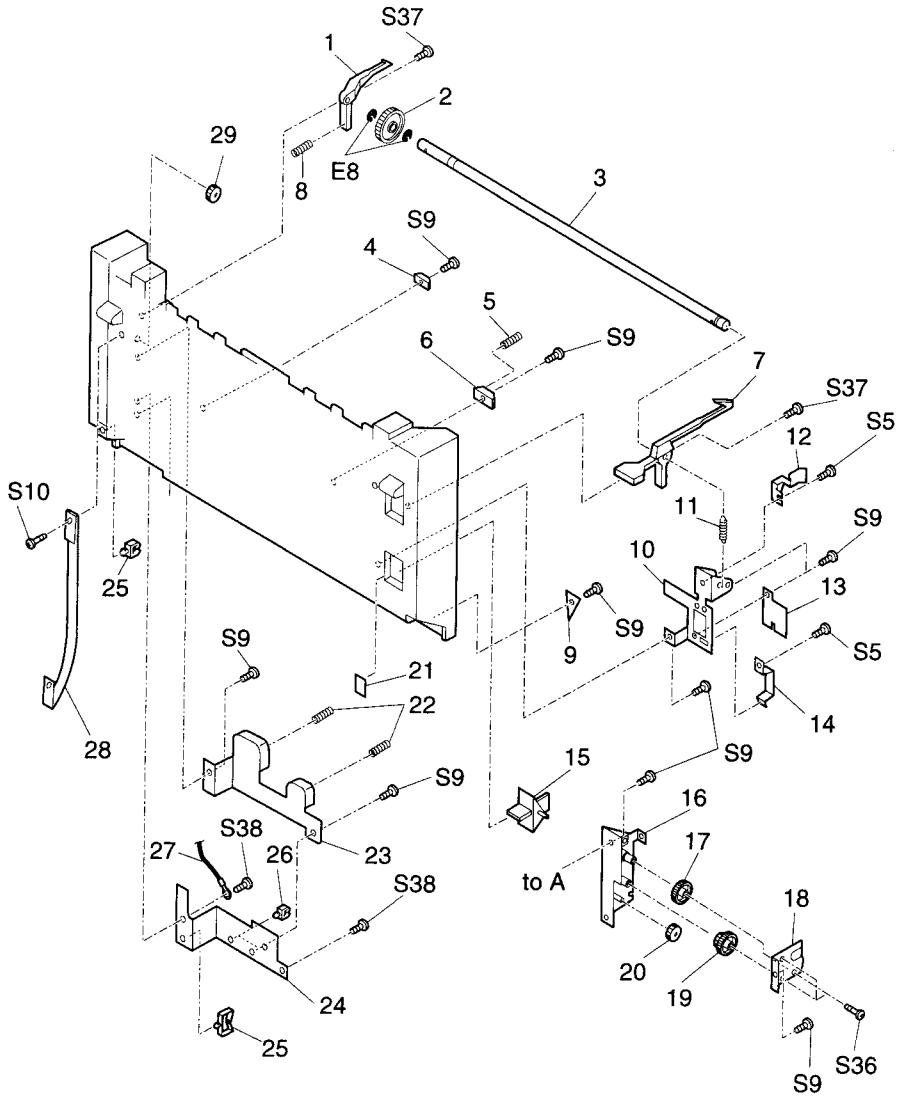







## Corona No. 2/3

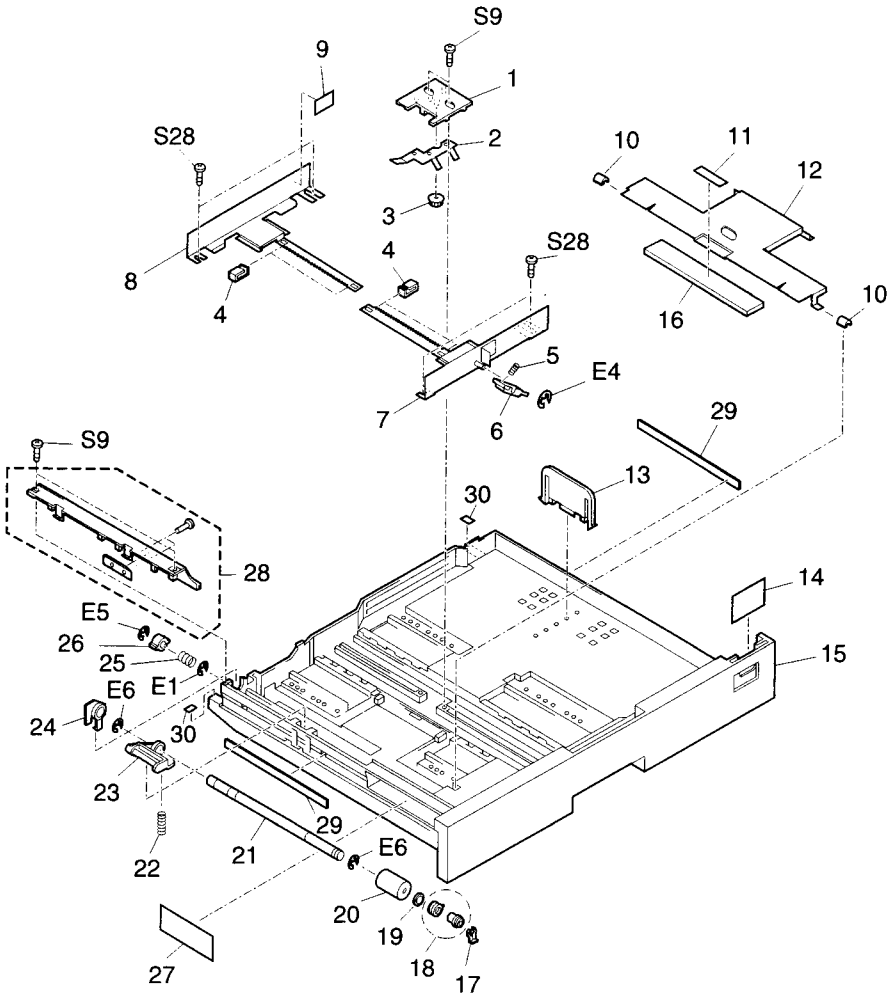
| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPXF10D611 | Corona No. 2/3 Ass'y | 1 | N | PM |
| 0 | FFPXF10D67 | Corona No. 2/3 Ass'y (for Taiwan) | 1 | N | PM |
| 1 | FFPKD12561 | Plate, Discharge Needle | 1 | C13 | |
| 2 | FFPDF0256 | Terminal 2 | 1 | C13 | |
| 3 | FFPHK0903 | Mylar, Discharge Needle | 1 | C13 | |
| 4 | FFPKS1000 | Discharge Needle | 1 | C13 | |
| 5 | FFPKD12556 | Holder, Discharge Needle | 1 | C13 | |
| 6 | FFPLP0944 | Spring | 1 | C13 | |
| 7 | FFPLP09451 | Tension Spring | 1 | C13 | |
| 8 | FFPEY00641 | Corona Wire | 1 | C13 | PM |
| 9 | FFPXF09D802 | Corona No.2/3 Frame Ass'y (for Taiwan) | 1 | C13 | |
| 9 | FFPXF09D803 | Corona No.2/3 Frame Ass'y | 1 | C13 | |
| 10 | FFPHK09091 | Mylar | 1 | C13 | |
| 11 | FFPMF0968 | Gear 2 | 1 | C13 | |
| 12 | FFPLG1428 | Gear Shaft | 1 | C13 | |
| 13 | FFPMF0970 | Gear 4 | 1 | C13 | |
| 14 | FFPKM02821 | Gear Stopper | 1 | C13 | |
| 15 | FFPMF0972 | Gear 6 | 1 | C13 | |
| 16 | FFPMF09691 | Gear 3 | 1 | C13 | |
| 17 | FFPKQ01652 | Gear Case | 1 | C13 | |
| 18 | FFPMF0967 | Gear 1 | 1 | C13 | |
| 19 | FFPMF0971 | Gear 5 | 1 | C13 | |
| 20 | FFPMA05252 | Roller | 1 | C13 | |
| 21 | FFPLQ0439 | Earth Plate (for Taiwan) | 1 | C13 | |
| 22 | FFPMQ05221 | Roller Plate | 1 | C13 | |
| 23 | FFPKF12192 | Front Guide | 1 | C13 | |
| 24 | FFPHK09241 | Guide Mylar | 1 | C13 | |
| 25 | FFPWL0007 | ZNR Ass'y (except Taiwan) | 1 | N | |
| 26 | FFPFA0113 | Shoulder Screw | 1 | C13 | |
| 27 | FFPLQ0443 | Earth Plate | 1 | C13 | |
| 28 | FFPKN0380 | Rubber Anti-vibration (except Taiwan) | 2 | C13 | |
| 29 | FFPHK1006 | Sheet (except Taiwan) | 1 | C13 | |
| 30 | FFPJA0313 | Rubber Holder, Front (except Taiwan) | 1 | C13 | |
| 31 | FFPJA0312 | Rubber Holder, Rear (except Taiwan) | 1 | C13 | |






## Left Cover Ass'y

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPLL05415 | Latch 2 | 1 | C13 | |
| 2 | FFPMF0941 | Gear, Fuser Idle | 1 | C13 | |
| 3 | FFPLG1423 | Shaft, Open/Close | 1 | C13 | |
| 4 | FFPKA0150 | Support 2 | 1 | C13 | |
| 5 | FFPLP09432 | Pressure Spring 1 | 1 | C13 | |
| 6 | FFPKA0149 | Support 1 | 1 | C13 | |
| 7 | FFPLL05402 | Latch 1 | 1 | C13 | |
| 8 | FFPLP0956 | Spring | 1 | C13 | |
| 9 | FFPLQ03981 | Pressure Spring | 1 | C13 | |
| 10 | FFPLK03031 | Bracket, Open/Close Arm Front | 1 | C13 | |
| 11 | FFPLP0957 | Ground Spring | 1 | C13 | |
| 12 | FFPKE0983 | Safety Cover | 1 | C13 | |
| 13 | FFPKK0053 | Harness Cover | 1 | C13 | |
| 14 | FFPLQ0393 | Spring | 1 | C13 | |
| 15 | FFPLA0089 | Switch Knob | 1 | C13 | |
| 16 | FFPKR16572 | Bracket 2 | 1 | C13 | |
| 17 | FFPMF0943 | Gear, Idle | 1 | C13 | |
| 18 | FFPKR1659 | Hold Plate | 1 | C13 | |
| 19 | FFPMF07501 | Gear, Idle 33T/16T | 1 | C13 | |
| 20 | FFPMF0883 | Gear, Idle 2 | 1 | C13 | |
| 21 | FFPTE1950 | Label, Power Indication | 1 | C13 | |
| 22 | FFPLP0944 | Spring | 2 | C13 | |
| 23 | FFPDA00294 | Base | 1 | C13 | |
| 24 | FFPDF02581 | Ground Plate | 1 | C13 | |
| 25 | LWS1S | LWS | 2 | C13 | |
| 26 | UAMS05S2 | Clamp | 2 | C13 | |
| 27 | FFPWC1555 | KBE Harness ⚠ | 1 | C13 | |
| 28 | FFPKM02791 | Tray Belt | 1 | C13 | |
| 29 | FFPMF09401 | Gear, Idle 4 | 1 | C13 | |



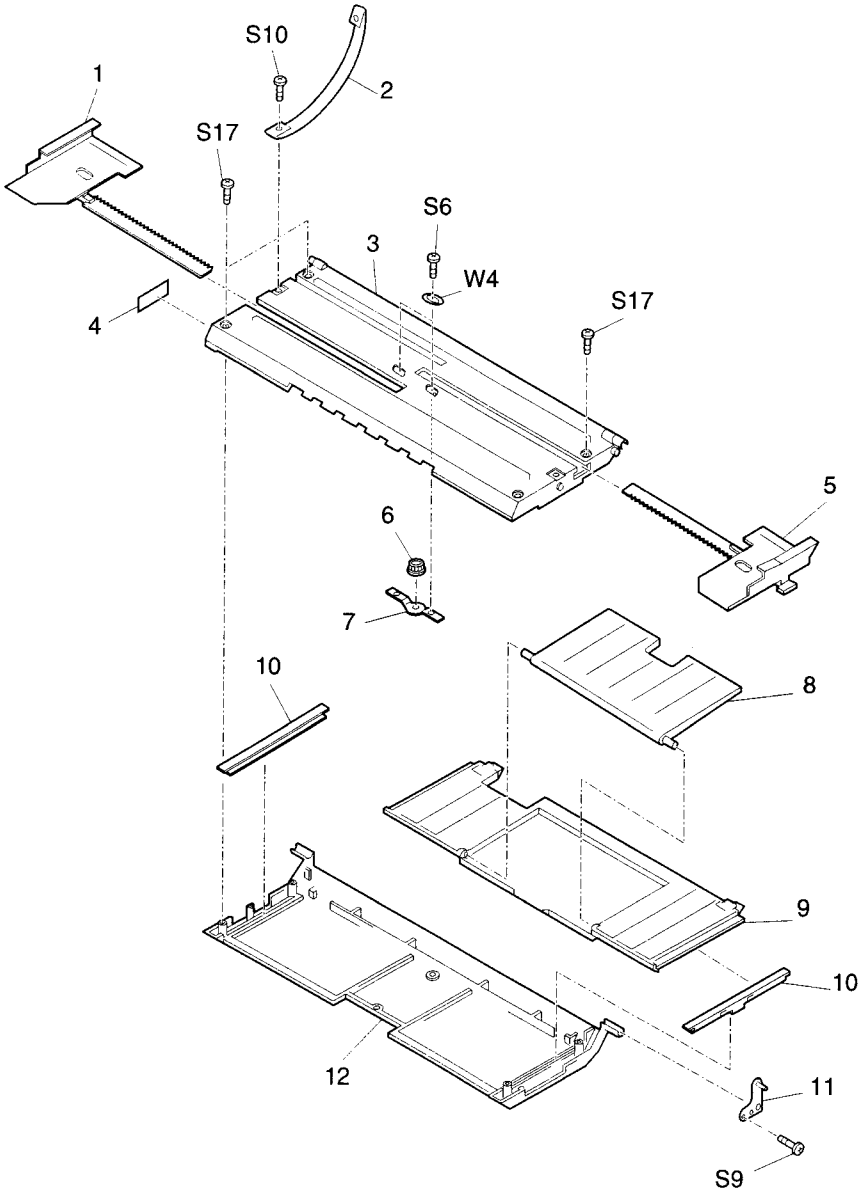

## 250 Sheet Paper Tray (Copier and FA-DS16)

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPUC01D60 | Cassette Ass'y (FP-7713 for Taiwan) | 1 | N | |
| 0 | FFPUC01G40 | Cassette Ass'y (FP-7715/FA-DS16 for Taiwan) | 1 | N | |
| 0 | FFPUC01D61 | Cassette Ass'y (FP-7713 for North America) | 1 | N | |
| 0 | FFPUC01G41 | Cassette Ass'y (FP-7715/FA-DS16 for North America) | 1 | N | |
| 0 | FFPUC01D63 | Cassette Ass'y (FP-7713 for others) | 1 | N | |
| 0 | FFPUC01G43 | Cassette Ass'y (FP-7715/FA-DS16 for others) | 1 | N | |
| 1 | FFPKS10041 | Adjusting Plate | 1 | C13 | |
| 2 | FFPLQ03961 | Spring | 1 | C13 | |
| 3 | FFPMF0829 | Pinion Gear | 1 | C13 | |
| 4 | FFPKM0277 | Rack Guide | 4 | C13 | |
| 5 | FFPLP09541 | Release Spring | 1 | C13 | |
| 6 | FFPLL05371 | Release Lever | 1 | C13 | |
| 7 | FFPQG00792 | Paper Guide, Front | 1 | C13 | |
| 8 | FFPQG00731 | Paper Guide A, Rear | 1 | C13 | |
| 9 | FFPTE1949 | Label, Paper Overfill | 1 | C13 | |
| 10 | FFPFG0463 | Fulcrum Pin | 2 | C13 | |
| 11 | FFPKM0293 | Pad | 1 | C13 | |
| 12 | FFPQG00751 | Bottom Plate | 1 | C13 | |
| 13 | FFPQG00781 | Paper Guide, Rear | 1 | C13 | |
| 14 | FFPPA0417 | Paper Size Plate (for Taiwan) | 1 | N | |
| 14 | FFPPA0418 | Paper Size Plate (for North America) | 1 | N | |
| 14 | FFPPA0419 | Paper Size Plate (Others) | 1 | N | |
| 15 | FFPQA014113 | Main Frame | 1 | C13 | |
| 16 | FFPHL0013 | Cushion | 1 | C13 | |
| 17 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 18 | FFPXC07D80 | Cassette Boss Ass'y | 1 | C13 | PM |
| 19 | FFPMV0044 | Polyslider | 1 | C13 | |
| 20 | FFPMA0517 | DFP Roller | 1 | C13 | PM |
| 21 | FFPLG14153 | DFP Roller Shaft | 1 | C13 | |
| 22 | FFPLP09514 | Pressure Spring | 1 | C13 | |
| 23 | FFPLK03081 | DFP Arm | 1 | C13 | |
| 24 | FFPMQ05141 | Bushing | 1 | C13 | |
| 25 | FFPLP0871 | Pressure Spring | 1 | C13 | |
| 26 | FFPHQ0046 | Bushing | 1 | C13 | |
| 27 | FFPKF1246 | Paper Guide 5 (FP-7715) | 1 | C13 | |
| 28 | FFPXC06D802 | DFP Guide Plate Ass'y | 1 | C13 | |
| 29 | FFPHK0930 | Slide Sheet 2 | 2 | C13 | |
| 30 | FFPKM0281 | Slider | 2 | C13 | |



250 Sheet Paper Tray

P22

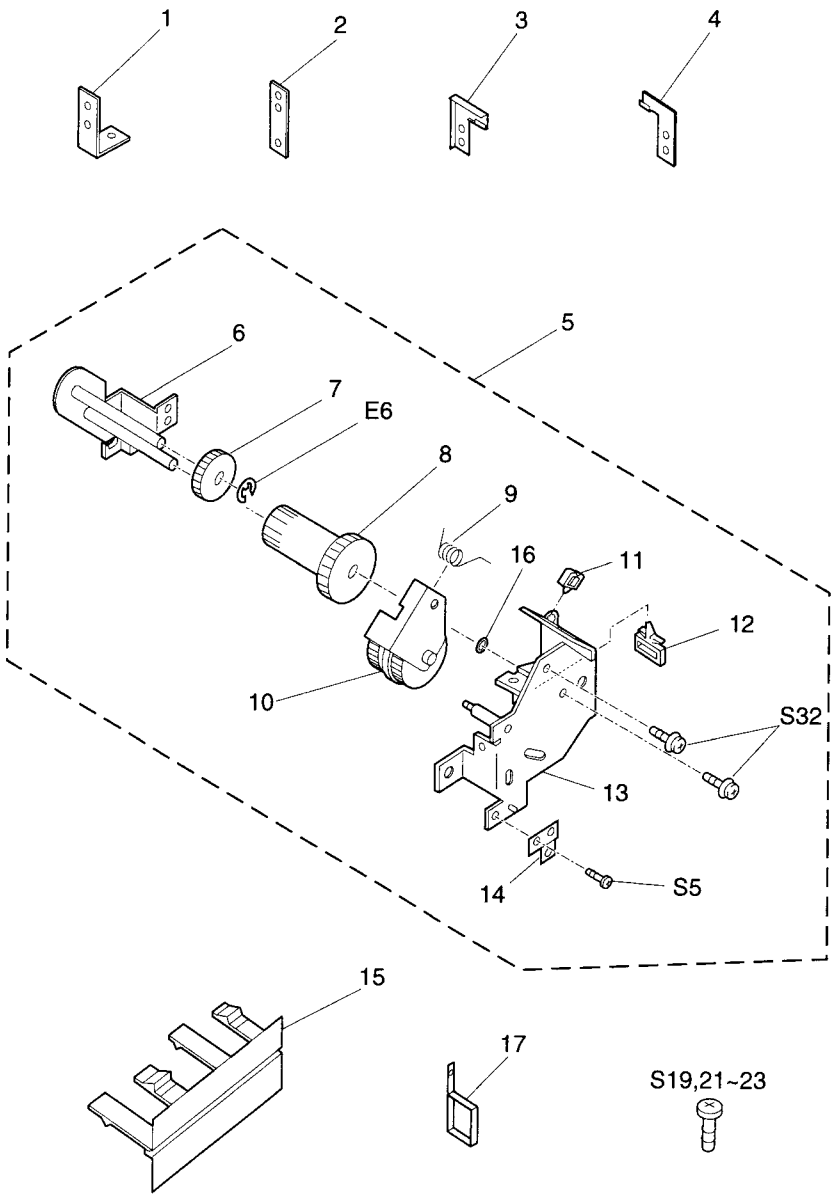





## Sheet Bypass Tray

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPXF03D60 | Sheet Bypass Ass'y | 1 | C13 | |
| 1 | FFPQG0077 | Paper Guide B, Rear | 1 | C13 | |
| 2 | FFPKM02791 | Tray Belt | 1 | C13 | |
| 3 | FFPQB00401 | Tray (1), Sheet Bypass | 1 | C13 | |
| 4 | FFPKE0891 | Stopper Cover | 1 | C13 | |
| 5 | FFPQG0076 | Paper Guide B, Front | 1 | C13 | |
| 6 | FFPMF0829 | Pinion Gear | 1 | C13 | |
| 7 | FFPKS10081 | Adjusting Plate | 1 | C13 | |
| 8 | FFPQB00421 | Tray B, Sheet Bypass | 1 | C13 | |
| 9 | FFPQB0041 | Tray A, Sheet Bypass | 1 | C13 | |
| 10 | FFPKF1230 | Rail, Bypass Tray | 2 | C13 | |
| 11 | FFPKS1012 | Plate | 1 | C13 | |
| 12 | FFPKE0975 | Tray Cover, Bypass | 1 | C13 | |

Sheet Bypass Tray

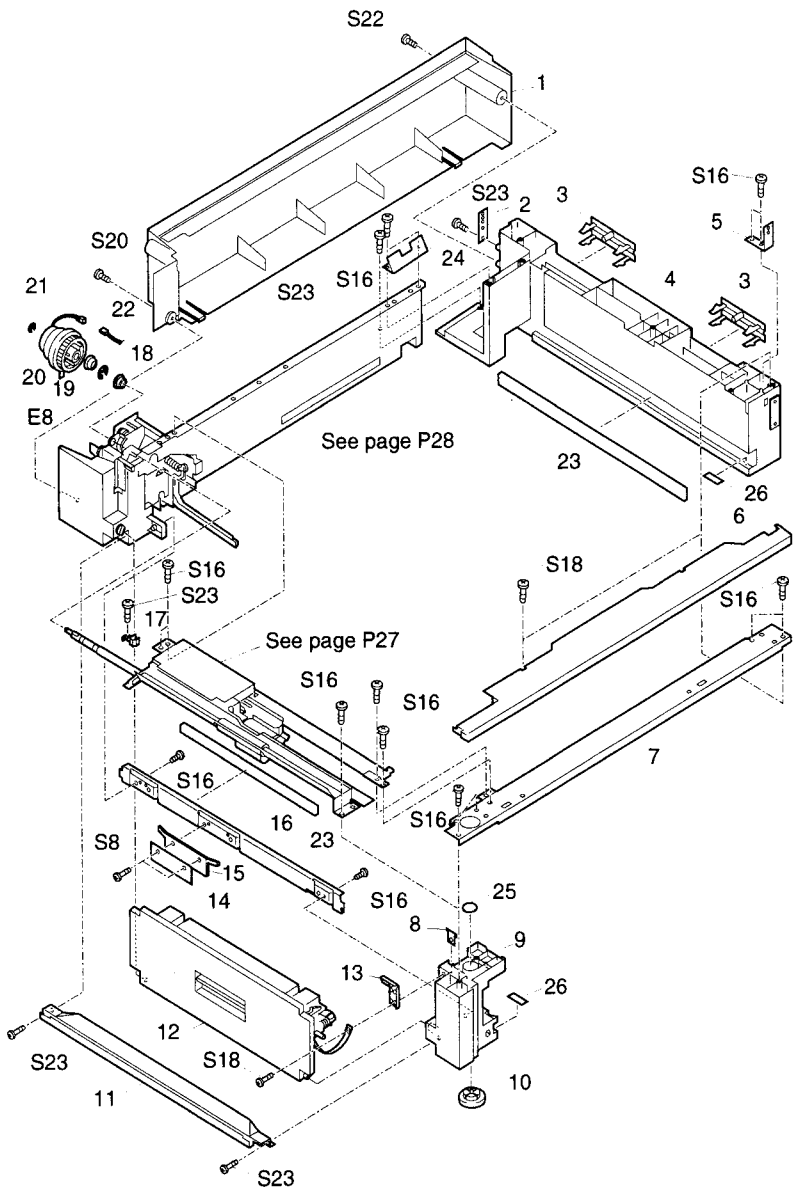





## FA-DS16 Mounting Kit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKS1027 | Fixing Bracket 1 | 1 | C15 | |
| 2 | FFPKS1041 | Fixing Bracket 2 | 1 | C15 | |
| 3 | FFPKS10291 | Fixing Bracket 3 | 1 | C15 | |
| 4 | FFPKS10231 | Fixing Bracket 4 | 1 | C15 | |
| 5 | FFPXQ08G00 | Drive Block Ass'y | 1 | C15 | |
| 6 | FFPXQ16G00 | Bracket, Drive Gear 2 | 1 | C15 | |
| 7 | FFPMF0979 | Gear 1 | 1 | C15 | |
| 8 | FFPMF0980 | Gear 2 | 1 | C15 | |
| 9 | FFPLR0260 | Spring, Gear Arm | 1 | C15 | |
| 10 | FFPXQ07G00 | Gear Arm Ass'y | 1 | C15 | |
| 11 | UAMS05S2 | Clamp | 1 | C | |
| 12 | LWS1NS | LWS | 1 | C | |
| 13 | FFPKR1677 | Bracket, Drive Gear 1 | 1 | C15 | |
| 14 | FFPLQ04121 | Ground Spring | 1 | C15 | |
| 15 | FFPKS10281 | Blind Plate | 2 | C15 | |
| 16 | FFPMV0004 | Polyslider | 1 | C | |
| 17 | LWS2H | LWS | 1 | N | |

FA-DS16

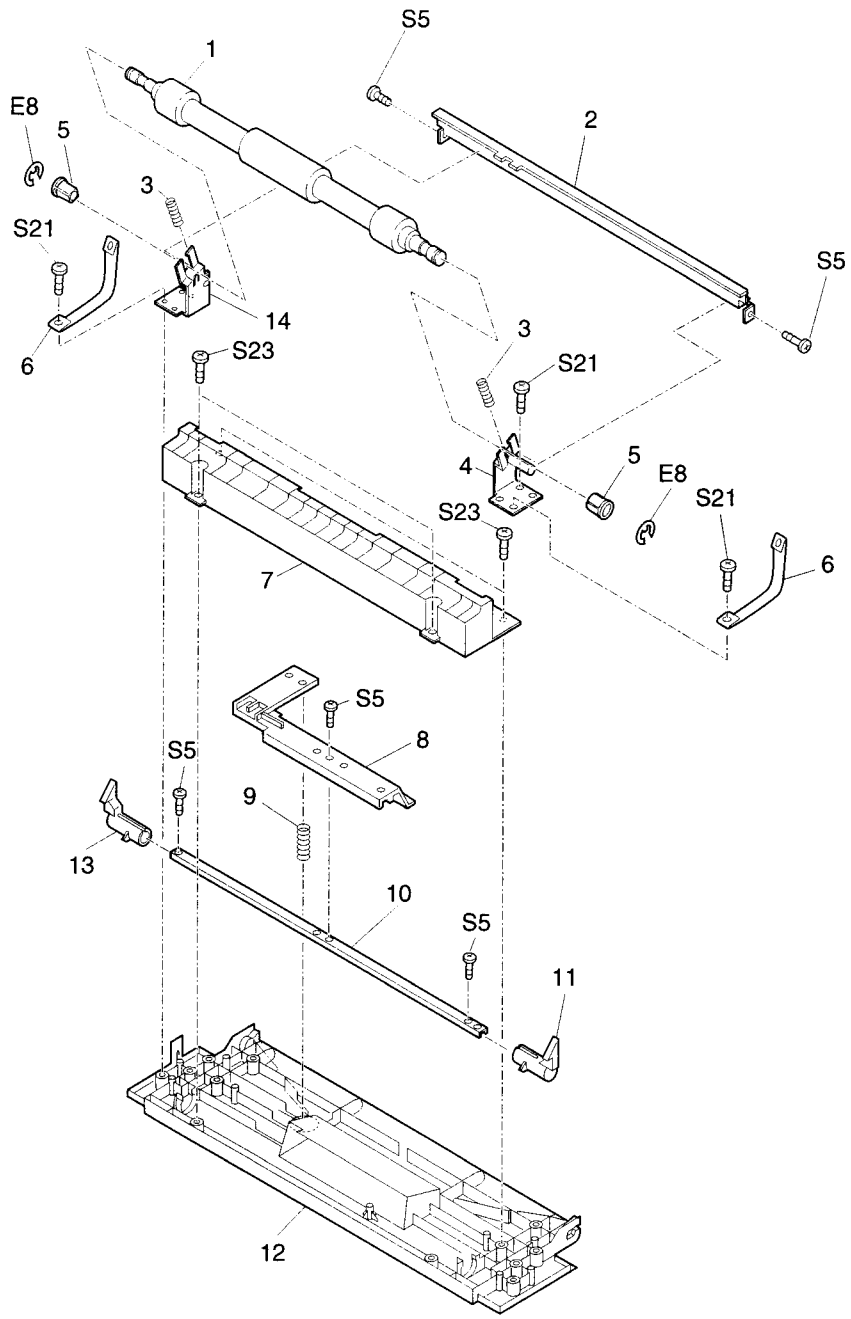





## FA-DS16 Frame

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPNA05971 | Rear Cover | 1 | C15 | |
| 2 | FFPKS1041 | Fixing Bracket 2 | 1 | C15 | |
| 3 | FFPKS10281 | Blind Plate | 2 | C15 | |
| 4 | FFPKB08843 | Frame, Right | 1 | C15 | |
| 5 | FFPKS1027 | Fixing Bracket 1 | 1 | C15 | |
| 6 | FFPNA05982 | Front Cover | 1 | C15 | |
| 7 | FFPKD1285 | Stay, Front | 1 | C15 | |
| 8 | FFPFF00721 | Nut | 1 | C15 | |
| 9 | FFPKB08851 | Frame, Left (Front) | 1 | C15 | |
| 10 | FFPNM0028 | Foot | 1 | C15 | |
| 11 | FFPKD12592 | Lift Stay | 1 | C15 | |
| 12 | FFPXQ06G00 | Paper Feed Door Ass'y | 1 | C15 | |
| 13 | FFPKS1023 | Fixing Bracket 4 | 1 | C15 | |
| 14 | FFPKU01743 | Support Plate | 1 | C15 | |
| 15 | FFPKS1026 | Plate, Releasing DFP | 1 | C15 | |
| 16 | FFPKD1288 | Cassette Stay | 1 | C | |
| 17 | FFPLQ0413 | Ground Spring 2 | 1 | C | |
| 18 | FFPMQ0517 | Bearing | 1 | C15 | |
| 19 | FFPLH03171 | Gear Spacer | 1 | C15 | |
| 20 | BJ-3.5-W03 | Magnet Clutch 2 | 1 | N | |
| 21 | FFPFJ0033 | Touch Ring | 1 | C15 | |
| 22 | FFPWC15741 | KU Harness | 1 | C15 | |
| 23 | FFPHK0932 | Slide Sheet | 2 | C15 | |
| 24 | FFPKS1042 | Plate | 1 | C15 | |
| 25 | FFPKH0319 | Spacer | 1 | C15 | |
| 26 | FFPKM0281 | Slider | 2 | C15 | |

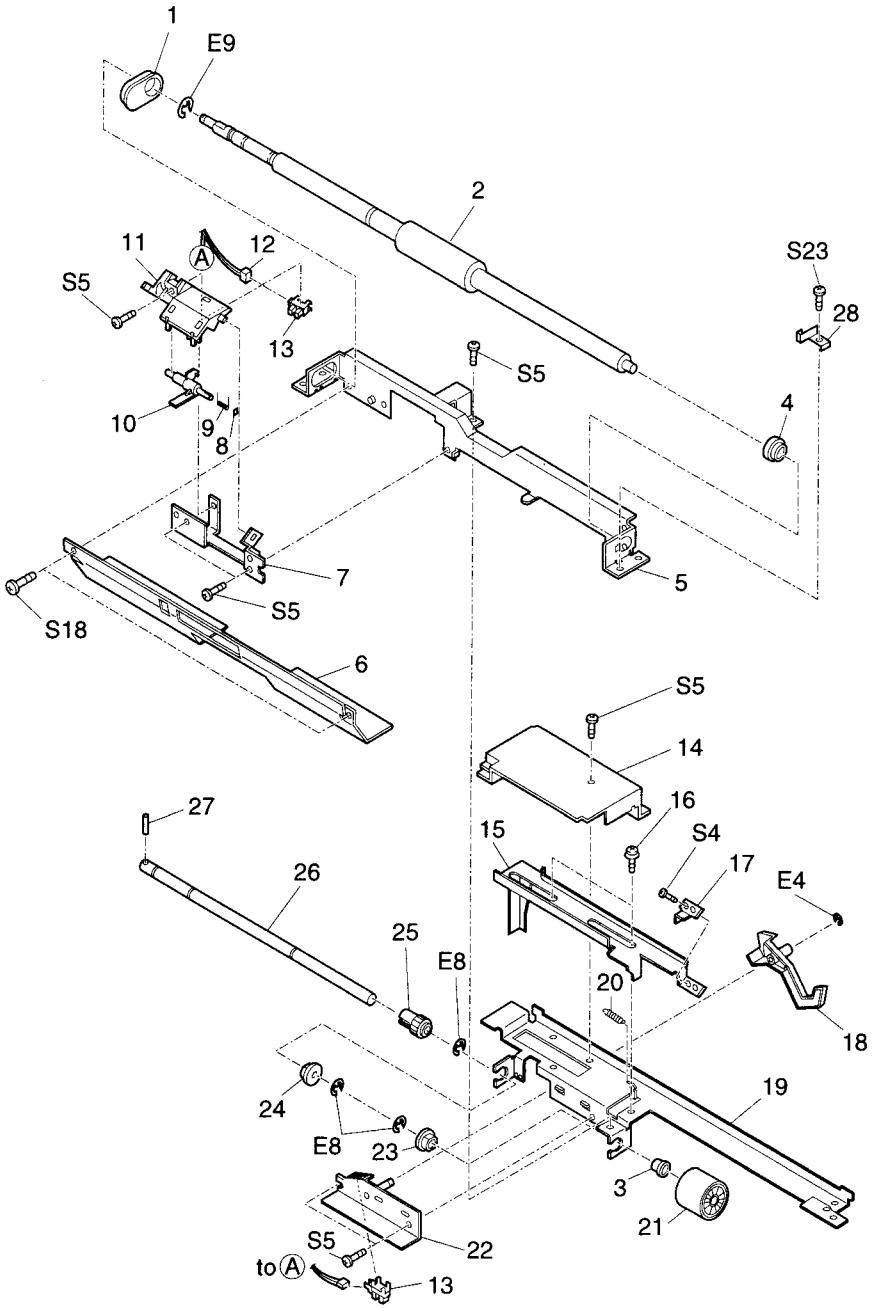
FA-DS16






## FA-DS16 Paper Feed Door Ass'y

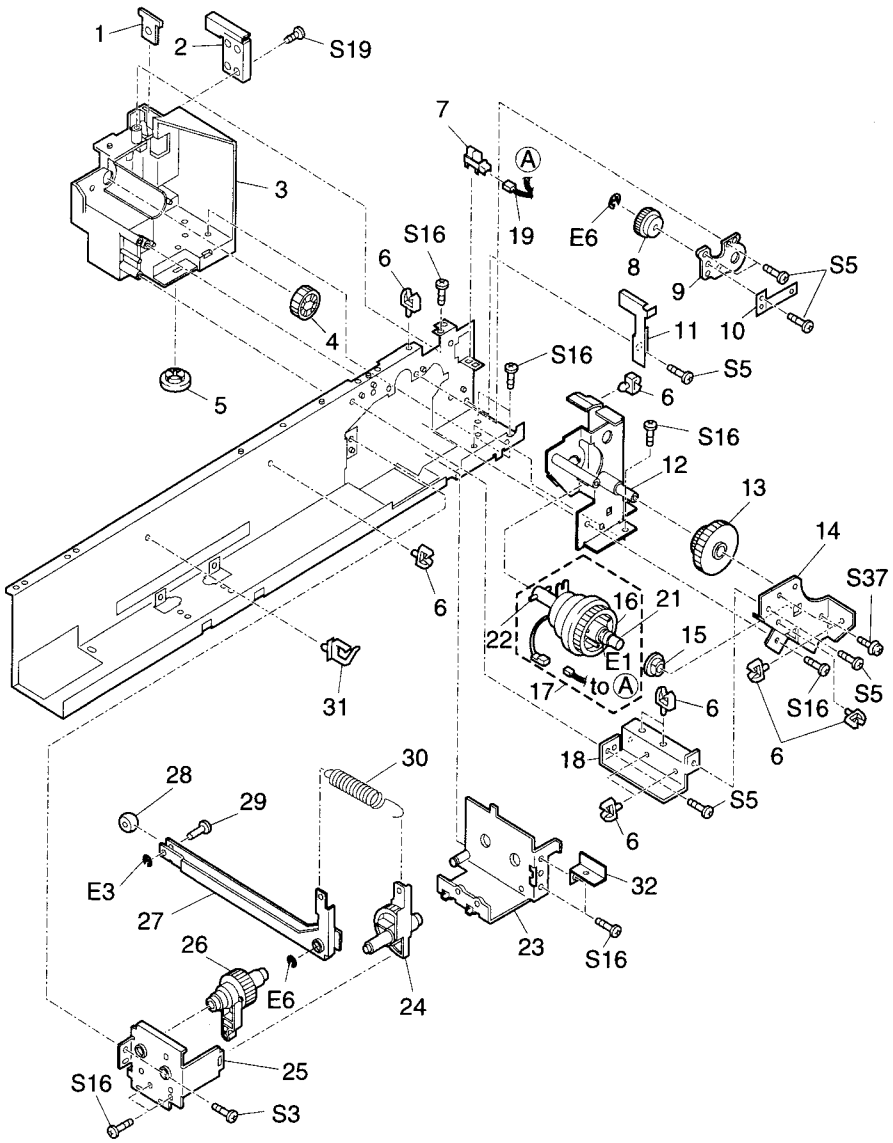
| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMA0528 | Registration Roller 2 | 1 | C15 | |
| 2 | FFPKF1244 | Paper guide 4 | 1 | C15 | |
| 3 | FFPLP0964 | Pressure Spring | 2 | C15 | |
| 4 | FFPXG14G00 | Bracket, Registration Roller (Front) | 1 | C15 | |
| 5 | FFPMQ0515 | Bushing | 2 | C15 | |
| 6 | FFPKM0288 | Band | 2 | C15 | |
| 7 | FFPKF12431 | Paper guide 3 | 1 | C15 | |
| 8 | FFPLL04147 | Lock Lever | 1 | C15 | |
| 9 | FFPLP0851 | Spring, Lock Lever | 1 | C15 | |
| 10 | FFPKD11261 | Shaft, Lock Lever | 1 | C15 | |
| 11 | FFPLL0545 | Latch, Front | 1 | C15 | |
| 12 | FFPNA05962 | Paper Feed Door | 1 | C15 | |
| 13 | FFPLL0546 | Latch, Rear | 1 | C15 | |
| 14 | FFPXG15G00 | Bracket, Registration Roller (Rear) | 1 | C15 | |






## FA-DS16 Paper Feed Section

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMQ05301 | Bushing | 1 | C | |
| 2 | FFPMA0599 | Registration Roller | 1 | N | |
| 3 | FFPMQ0594 | Bushing 1 | 1 | N | |
| 4 | FFPMQ0517 | Bearing | 1 | C | |
| 5 | FFPKR16742 | Bracket, Registration Roller | 1 | C15 | |
| 6 | FFPKF12414 | Paper guide 1 | 1 | C | |
| 7 | FFPKR16831 | Bracket, Sensor | 1 | C15 | |
| 8 | FFPKH03071 | Spacer | 1 | C | |
| 9 | FFPLR02351 | Sensor Spring | 1 | C | |
| 10 | FFPLL05991 | Sensor Lever | 1 | C | |
| 11 | FFPKM02761 | Bracket, Sensor | 1 | C | |
| 12 | FFPWC1577 | Sensor Harness | 1 | C15 | |
| 13 | TLP1225 | Sensor | 2 | C | |
| 14 | FFPKE09881 | Harness Cover | 1 | C15 | |
| 15 | FFPKB08691 | Slide Plate | 1 | C | |
| 16 | FFPFA0140 | Shoulder Screw | 2 | C15 | |
| 17 | FFPKF1364 | Roller Holder | 1 | C15 | |
| 18 | FFPLL0598 | Sensor Lever | 1 | N | |
| 19 | FFPKR16754 | Bracket, Paper Feed Roller | 1 | C15 | |
| 20 | FFPLP08171 | Spring | 1 | C15 | |
| 21 | FFPMA05161 | Paper Feed Roller | 1 | C15 | PM |
| 22 | FFPKR16822 | Bracket, Sensor Lever | 1 | C15 | |
| 23 | FFPMQ0595 | Bushing 2 | 1 | N | |
| 24 | FFPMQ0005 | Bushing | 1 | C | |
| 25 | FFPHQ00511 | Cup Ring | 1 | C | |
| 26 | FFPLG14423 | Shaft, Paper Feed Roller 1 | 1 | N | |
| 27 | XPJ2D10WV | Pin | 1 | C | |
| 28 | FFPLQ0413 | Ground Spring | 1 | C15 | |






## FA-DS16 Rear Frame Ass'y

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPFF00721 | Nut | 1 | C15 | |
| 2 | FFPKS1029 | Fixing Bracket 3 | 1 | C15 | |
| 3 | FFPKB08863 | Frame, Left (Rear) | 1 | C15 | |
| 4 | FFPMF09571 | Gear, DFP Shaft | 1 | C15 | |
| 5 | FFPNM0028 | Foot | 1 | C15 | |
| 6 | UAMS05S2 | Clamp | 9 | C | |
| 7 | TLP1225 | Sensor | 1 | C | |
| 8 | FFPMF0917 | Gear, Registration 19T | 1 | C15 | |
| 9 | FFPKS10341 | Gear Support Plate | 1 | C15 | |
| 10 | FFPLQ0411 | Ground Spring | 1 | C15 | |
| 11 | FFPLQ04101 | Sensor Spring | 1 | C15 | |
| 12 | FFPKR1812 | Bracket 3, Gear | 1 | N | |
| 13 | FFPMF0978 | Gear, Drive | 1 | C15 | |
| 14 | FFPKS10331 | Clutch Support Plate | 1 | C15 | |
| 15 | FFPMQ0333 | Bushing | 1 | C15 | |
| 16 | BJ-3.5-W03 | Magnet Clutch 2 | 1 | N | |
| 17 | FFPXQ11G50 | Paper Feed Roller Shaft Ass'y | 1 | C15 | |
| 18 | FFPKE0990 | Harness Guide | 1 | C15 | |
| 19 | FFPWC15741 | KU Harness | 1 | C15 | |
| 20 | | ==Not used== | | | |
| 21 | FFPLG1574 | Paper Feed Roller Shaft 2 | 1 | C15 | |
| 22 | XPL2A14WV | Pin | 1 | C15 | |
| 23 | FFPKQ01621 | Lift Base | 1 | C | |
| 24 | FFPMF0956 | Gear, Cassette Lift | 1 | C | |
| 25 | FFPKS10021 | Lift Support Plate | 1 | C | |
| 26 | FFPLK03071 | Cassette Lift Arm | 1 | C | |
| 27 | FFPLL0536 | Cassette Lift Lever | 1 | C | |
| 28 | FFPMA0374 | Lift Roller | 1 | C | |
| 29 | FFPLG1007 | Lift Roller Shaft | 1 | C | |
| 30 | FFPLP09601 | Lift Spring | 1 | C | |
| 31 | LWS1S | LWS | 1 | C | |
| 32 | FFPKF1375 | Clutch Stopper 3 | 1 | N | |

FA-DS16

| Part No. | Description | Page No. | Ref. No. | Q'ty Per Unit |
|---|---|---|---|---|
| 42SPM24DGYM | Stepping Motor | P4 | 9 | 1 |
| BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | P5 | 20 | 1 |
| BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | P17 | 28 | 1 |
| BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | P18 | 2 | 1 |
| BJ-3.5-W03 | Magnet Clutch 2 | P25 | 20 | 1 |
| BJ-3.5-W03 | Magnet Clutch 2 | P28 | 16 | 1 |
| BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | P5 | 20 | 1 |
| BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | P17 | 28 | 1 |
| BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | P18 | 2 | 1 |
| CH48I40 | Choke Coil (except North America/Taiwan) | P7 | 14 | 1 |
| DNQ18A12R20A | Main Motor | P6 | 9 | 1 |
| E08V025WN2A | Exposure Lamp (for North America/Taiwan) | P11 | 20 | 1 |
| E16V025WN2A | Exposure Lamp (Others) | P11 | 20 | 1 |
| E1815MRC | Ferrite Core (except North America) | P7 | 18 | 3 |
| E1815MRC | Ferrite Core (except North America) | P8 | 28 | 1 |
| EDS1 | Edge Saddle | P8 | 26 | 1 |
| ERZV10D751 | ZNR | P18 | 9 | 1 |
| EUKMBN602HB | PCB HVPS | P6 | 35 | 1 |
| EVQ21505R | Other Key Switch, Print Key switch (FP-7713) | P3 | 33 | 20 |
| EVQ21F05B | Print Key Switch (FP-7715) | P3 | 32 | 1 |
| FBA06A24U2CS | Fan Motor 2 (Option for FP-7713) | P8 | 9 | 1 |
| FBA08A24H2F0 | Fan Motor 1 | P6 | 3 | 1 |
| FBA08A24H2F0 | Fan Motor 1 | P8 | 23 | 1 |
| FFPAH0204 | P-Rom (FP-7713) | P6 | 37 | 1 |
| FFPAH0205 | P-Rom (FP-7715) | P6 | 37 | 1 |
| FFPBL0013 | Thermistor | P19 | 36 | 1 |
| FFPCV0009 | Total Counter | P7 | 9 | 1 |
| FFPDA00294 | Base | P21 | 23 | 1 |
| FFPDE0070 | Lamp Bracket, Front | P11 | 17 | 1 |
| FFPDE0071 | Lamp Bracket, Rear | P11 | 21 | 1 |
| FFPDE0077 | Ground Plate | P6 | 50 | 1 |
| FFPDF02533 | Lamp Terminal, Front | P11 | 19 | 1 |
| FFPDF0254 | Terminal Plate | P11 | 14 | 1 |
| FFPDF02552 | Lamp Terminal, Rear | P11 | 22 | 1 |
| FFPDF0256 | Terminal 2 | P20 | 2 | 1 |
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| FFPLL05371 | Release Lever | P22 | 6 | 1 |
| FFPLL05382 | Sensor Lever | P17 | 7 | 1 |
| FFPLL05402 | Latch 1 | P21 | 7 | 1 |
| FFPLL05415 | Latch 2 | P21 | 1 | 1 |
| FFPLL0545 | Latch, Front | P26 | 11 | 1 |
| FFPLL0546 | Latch, Rear | P26 | 13 | 1 |
| FFPLL05471 | Sensor Lever (FP-7715) | P5 | 45 | 1 |
| FFPLL05481 | Sensor Lever (FP-7715) | P18 | 43 | 1 |
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| FFPLL05991 | Sensor Lever | P27 | 10 | 1 |
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| FFPWL0007 | ZNR Ass'y (except Taiwan) | P20 | 25 | 1 |
| FFPXA09D80 | High Voltage Terminal Ass'y | P6 | 23 | 1 |
| FFPXA11D60 | Eraser Ass'y (Others) | P5 | 0 | 1 |
| FFPXA11D61 | Eraser Ass'y (for North America/Taiwan) | P5 | 0 | 1 |
| FFPXA13D61 | Control Panel Ass'y (FP-7713 for North America) | P1 | 3 | 1 |
| FFPXA13D63 | Control Panel Ass'y (FP-7713 for others) | P1 | 3 | 1 |
| FFPXA13D67 | Control Panel Ass'y (FP-7713 for Taiwan) | P1 | 3 | 1 |
| FFPXA13G01 | Control Panel Ass'y (FP-7715 for North America) | P1 | 3 | 1 |
| FFPXA13G03 | Control Panel Ass'y (FP-7715 for others) | P1 | 3 | 1 |
| FFPXA13G07 | Control Panel Ass'y (FP-7715 for Taiwan) | P1 | 3 | 1 |
| FFPXA17G00 | Drive Frame Ass'y | P6 | 7 | 1 |
| FFPXA18D80 | Drive Bracket 3 Ass'y | P6 | 13 | 1 |
| FFPXA20D80 | Toner Hopper Cover Ass'y (FP-7713) | P3 | 7 | 1 |
| FFPXA20G40 | Toner Hopper Cover Ass'y (FP-7715) | P3 | 7 | 1 |
| FFPXA22D80 | Eraser Drive Frame Ass'y | P4 | 8 | 1 |
| FFPXA23D80 | Drive Bracket Sub Ass'y | P4 | 7 | 1 |
| FFPXA24D61 | Control Panel Cover, w/o PCB (FP-7713 for North America) | P3 | 2 | 1 |
| FFPXA24D63 | Control Panel Cover, w/o PCB (FP-7713 for others) | P3 | 2 | 1 |
| FFPXA24D67 | Control Panel Cover, w/o PCB (FP-7713 for Taiwan) | P3 | 2 | 1 |
| FFPXA24G41 | Control Panel Cover, w/o PCB (FP-7715 for North America) | P3 | 2 | 1 |
| FFPXA24G43 | Control Panel Cover, w/o PCB (FP-7715 for others) | P3 | 2 | 1 |
| FFPXA24G47 | Control Panel Cover, w/o PCB (FP-7715 for Taiwan) | P3 | 2 | 1 |
| FFPXA25D801 | Eraser Base Ass'y | P5 | 16 | 1 |
| FFPXA26D80 | Eraser Lamp Frame Ass'y | P5 | 1 | 1 |
| FFPXA36G801 | Roller Bracket, Right | P4 | 2 | 1 |
| FFPXA37G801 | Roller Bracket, Left | P4 | 26 | 1 |
| FFPXC06D802 | DFP Guide Plate Ass'y | P22 | 28 | 1 |
| FFPXC07D80 | Cassette Boss Ass'y | P22 | 18 | 1 |
| FFPXF03D60 | Sheet Bypass Ass'y | P23 | 0 | 1 |
| FFPXF09D802 | Corona No.2/3 Frame Ass'y (for Taiwan) | P20 | 9 | 1 |
| FFPXF09D803 | Corona No.2/3 Frame Ass'y | P20 | 9 | 1 |
| FFPXF10D611 | Corona No. 2/3 Ass'y | P20 | 0 | 1 |
| FFPXF10D67 | Corona No. 2/3 Ass'y (for Taiwan) | P20 | 0 | 1 |
| FFPXF11D80 | Rear Frame, Bypass | P17 | 26 | 1 |
| FFPXF11D81 | Rear Frame, Bypass (for North America) | P17 | 26 | 1 |

## Numerical Parts Index

| Part No. | Description | Page No. | Ref. No. | Q'ty Per Unit |
|---|---|---|---|---|
| FFPXF18D804 | Cleaning Pad Ass'y | P17 | 3 | 1 |
| FFPXF21D80 | Torque Limiter Ass'y | P17 | 20 | 1 |
| FFPXG02D801 | Magnetic Roller Ass'y (for Taiwan) | P16 | 39 | 1 |
| FFPXG02D81 | Magnetic Roller Ass'y | P16 | 39 | 1 |
| FFPXG06D80 | Corona Block 2 | P16 | 7 | 1 |
| FFPXG07D801 | Corona No.1 Ass'y | P16 | 1 | 1 |
| FFPXG08D801 | Terminal Case Ass'y | P16 | 28 | 1 |
| FFPXG10D60 | Cleaning Frame Ass'y (for Taiwan) | P15 | 1 | 1 |
| FFPXG10D61 | Cleaning Frame Ass'y | P15 | 1 | 1 |
| FFPXG11D801 | Cover Ass'y | P16 | 27 | 1 |
| FFPXG12D811 | Developer Unit Ass'y | P16 | 9 | 1 |
| FFPXG12D87 | Developer Unit Ass'y (for Taiwan) | P16 | 9 | 1 |
| FFPXG14D802 | Drum Cover Ass'y | P15 | 12 | 1 |
| FFPXG14G00 | Bracket, Registration Roller (Front) | P26 | 4 | 1 |
| FFPXG15G00 | Bracket, Registration Roller (Rear) | P26 | 14 | 1 |
| FFPXJ01D80 | Exit Tray Ass'y | P2 | 4 | 1 |
| FFPXK01D60 | Drive Bracket, Front Ass'y | P13 | 8 | 1 |
| FFPXK02D80 | 5/6 Tension Plate, Front Ass'y | P13 | 12 | 1 |
| FFPXK03D80 | 5/6 Belt, Front Ass'y | P13 | 5 | 1 |
| FFPXK05D60 | Drive Bracket, Rear Ass'y | P13 | 18 | 1 |
| FFPXK06D80 | 5/6 Tension Plate, Rear Ass'y | P13 | 19 | 1 |
| FFPXK07D80 | 5/6 Belt, Rear Ass'y | P13 | 27 | 1 |
| FFPXK12D80 | Connection Shaft Ass'y | P13 | 25 | 1 |
| FFPXK17D80 | Pulley Bracket, Left Ass'y | P9 | 21 | 2 |
| FFPXK19D80 | Pulley Bracket, Right Ass'y | P9 | 2 | 2 |
| FFPXK21D802 | Shaft Ass'y, Half Speed Unit | P9 | 12 | 1 |
| FFPXK22D80 | Shaft Ass'y | P9 | 13 | 1 |
| FFPXK27D80 | Motor Ass'y | P10 | 10 | 1 |
| FFPXK29G011 | Original Guide Ass'y (for North America) | P1 | 4 | 1 |
| FFPXK29G031 | Original Guide Ass'y (Others) | P1 | 4 | 1 |
| FFPXK29G071 | Original Guide Ass'y (for Taiwan) | P1 | 4 | 1 |
| FFPXK30D80 | Solenoid Ass'y | P10 | 6 | 2 |
| FFPXK32D60 | Tension Arm Ass'y | P9 | 10 | 2 |
| FFPXK33D60 | Tension Arm Ass'y, Front | P9 | 18 | 1 |
| FFPXK34D60 | Tension Arm Ass'y, Rear | P9 | 25 | 1 |
| FFPXQ06G00 | Paper Feed Door Ass'y | P25 | 12 | 1 |
| FFPXQ07G00 | Gear Arm Ass'y | P24 | 10 | 1 |
| FFPXQ08G00 | Drive Block Ass'y | P24 | 5 | 1 |
| FFPXQ11G50 | Paper Feed Roller Shaft Ass'y | P28 | 17 | 1 |
| FFPXQ16G00 | Bracket, Drive Gear 2 | P24 | 6 | 1 |
| H12V1KWN1A | Lamp (for North America/Taiwan) | P19 | 37 | 1 |
| H22V1KWN1A | Lamp (except North America/Taiwan) | P19 | 37 | 1 |
| HL18-0 | Harness Lifter | P7 | 16 | 1 |
| KGLS3S | Card Spacer | P10 | 16 | 2 |
| KGLS6S | Card Spacer | P8 | 21 | 3 |
| LWS1NS | LWS | P24 | 12 | 1 |
| LWS1S | LWS | P4 | 23 | 1 |
| LWS1S | LWS | P7 | 11 | 4 |
| LWS1S | LWS | P18 | 10 | 2 |
| LWS1S | LWS | P21 | 25 | 2 |





## Numerical Parts Index

| Part No. | Description | Page No. | Ref. No. | Q'ty Per Unit |
|---|---|---|---|---|
| LWS1S | LWS | P28 | 31 | 1 |
| LWS2H | LWS | P24 | 17 | 1 |
| PQ24V12WMG1 | Lamp | P5 | 2 | 1 |
| SR6N3-4 | Cord Bushing (for North America) | P7 | 5 | 1 |
| SR6N4 | Cord Bushing (Others) | P7 | 5 | 1 |
| SR6N4-4 | Cord Bushing (for Taiwan) | P7 | 5 | 1 |
| TLP1225 | Sensor | P5 | 5 | 2 |
| TLP1225 | Sensor | P9 | 11 | 2 |
| TLP1225 | Sensor | P13 | 17 | 1 |
| TLP1225 | Sensor (FP-7713) | P18 | 15 | 1 |
| TLP1225 | Sensor (FP-7715) | P18 | 15 | 2 |
| TLP1225 | Sensor | P19 | 18 | 1 |
| TLP1225 | Sensor | P27 | 13 | 2 |
| TLP1225 | Sensor | P28 | 7 | 1 |
| TS0524ANA71C | TDC Sensor | P16 | 26 | 1 |
| UAMS05S2 | Clamp | P4 | 11 | 1 |
| UAMS05S2 | Clamp | P6 | 16 | 4 |
| UAMS05S2 | Clamp | P10 | 15 | 8 |
| UAMS05S2 | Clamp | P18 | 4 | 5 |
| UAMS05S2 | Clamp | P21 | 26 | 2 |
| UAMS05S2 | Clamp | P24 | 11 | 1 |
| UAMS05S2 | Clamp | P28 | 6 | 9 |
| XPJ2D10WV | Pin | P5 | 22 | 1 |
| XPJ2D10WV | Pin | P18 | 32 | 2 |
| XPJ2D10WV | Pin | P27 | 27 | 1 |
| XPL2A14WV | Pin | P28 | 22 | 1 |
| XXE3D8FP | Set Screw | P8 | 30 | 1 |

Numerical Parts Index

## Screws, E Rings, Washers

| No. | Part No. |
|---|---|
| | **Screws** |
| S1 | XSB3+4 |
| S2 | XSB3+6BN |
| S3 | XSB4+6FN |
| S4 | XTB3+4F |
| S5 | XTB3+6F |
| S6 | XTB3+6FFN |
| S7 | XTB3+6G |
| S8 | XTB3+8F |
| S9 | XTB3+8G |
| S10 | XTB3+8GFN |
| S11 | XTB3+8J |
| S12 | XTB3+10F |
| S13 | XTB3+10G |
| S14 | XTB3+12G |
| S15 | XTB3+16F |
| S16 | XTB4+8G |
| S17 | XTB4+8GFN |
| S18 | XTB4+8H |
| S19 | XTB4+10F |
| S20 | XTB4+10FFN |
| S21 | XTB4+10G |
| S22 | XTB4+10GFN |
| S23 | XTB4+12G |
| S24 | XTN2+6G |
| S25 | XTN3+6FFUB-C |
| S26 | XTT4+8FFN |
| S27 | XTT4+10FFN |
| S28 | XTW4+14Q |
| S29 | XTN4+34G |
| S30 | XYC3+FF8 |
| S31 | XYC3+JF8 |
| S32 | XYN3+6F |
| S33 | XYN3+8F |
| S34 | XYN3+A6BN |
| S35 | XYN3+A8-B |
| S36 | XYN3+F6 |
| S37 | XYN3+F8 |
| S38 | XYN4+F8 |
| S39 | XYN4+F10 |

| No. | Part No. |
|---|---|
| | **Erings** |
| E1 | XUB8VM |
| E2 | XUC25VM |
| E3 | XUC2VM |
| E4 | XUC3VM |
| E5 | XUC4VM |
| E6 | XUC5VM |
| E7 | XUC6VM |
| E8 | XUC7VM |
| E9 | XUC8VM |
| E10 | XNB4VM |
| | **Washers** |
| W1 | XWA4BPN |
| W2 | XWC3BFN |
| W3 | XWG3BN |
| W4 | XWG3FN |
| W5 | XWG4 |
| W6 | XWG4F13 |
| W7 | XWA3B |

**Panasonic**
# TORANO-MAKI

ORDER NO. OED9709364B8

The Ninja's Torano – maki

Ⓔ

# FP-7713/7715

AC120/220-240V LINE
DC+24V LINE
DC+5V LINE

Control panel PCB
CN201: 1 CPDATA, 2 CPKEY, 3 CLCLK, 4 CPLD, 5 CPLATCH, 6 TED, 7 TEDP, 8 KCLK, 9 SGND, 10 VL

Full-speed unit solenoid — O F4 C22
Half-speed unit solenoid — O F4 C23
Lamp unit scanner motor — LM
Auto original density sensor — AESN
No.5/6 mirror unit home position sensor — 5/6HPSN
Full-speed unit home position sensor — HPSN
Half-speed unit home position sensor — HSHPSN
I F4 C01

CNSN: 1 VP, 2 SNSOL
CN5/6S: 1 VP, 2 H565OL
CNLM: 6 BCP, 5 VP, 4 BP, 3 ACP, 2 VP, 1 AP
CNAE: 3 AESN, 2 AGND, 1 VL
CN56HP: 3 SGND, 2 56HPSN, 1 VL
CNHP: 3 SGND, 2 HPSN, 1 VL
CNHSH: 3 SGND, 2 HSHPSN, 1 VL

CN661: VP, SNSOL, VP, H565OL — CN660: BCP, VP, BP, ACP, VP, AP — CN655: AESN, AGND, VL
CN659: SGND, 56HPSN, VL — CN656: SGND, HPSN, VL — CN662: SGND, HSHPSN, VL

CN657: LPFCNT2, LPFCLK2, PGND
CNLPF2: LPFCNT2, LPFCLK2, PGND — FM — Optics cooling fan motor (B) (Option for FP-7713) — I F4 C02, O F4 C21
CN658: LPFCNT1, LPFCLK1, PGND
CNLPF1: LPFCNT1, LPFCLK1, PGND — FM — Optics cooling fan motor (A) — I F4 C02, O F4 C21

Toner density sensor — TDC
Toner supply/ Blacking prevention film motor — BSM
Example: I/O F4 C21 (Code, Mode, Input/Output check)

CNTDC: SGND, TDC, VP, TDCNT — I F4 C02
CNBT: ACPB, VP, APB, BPB, VP, BCPB
CNTD: SGND, TDC, VP, TDCNT, DVE, SGND

Optics driver PCB
CN653: VP, PGND
(ADF CPU CN101)
CN651: P50, P52, P51, P53, LMPD, SNSL, H565L, AESN, VL
CN652: SGND, LPFLCK1, LPFLCK2, LPFCNT, 56HPSN, HPSN, HSHPSN, VL, SGND, SGND
DC+10V line

CN5: CPDATA, CPKEY, LCLK, CPLD, LPLATCH, TED, TEDP, KCLK, SGND, VL
CN17: RXDB, RXD, SGND, TXDB, TXD
(FP7715)
CN22: P50, P52, P51, P53, LMPD, SNSL, H565L, AESN, VL
CN23: SGND, LPFLCK1, LPFLCK2, LPFCNT, 56HPSN, HPSN, HSHPSN, VL, SGND, SGND
CN4: ACPB, VP, APB, BPB, VP, BCPB
CN16: SGND, TDC, VP, TDCNT, DVE, SGND

CN7: 1 VP, 2 PGND
CN27: 1 CTXD, 2 CRXD, 3 SGND, 4 CENB
CN21: 7 LFB1, 6 LFB2, 5 VL, 4 ZCRS, 3 SGND, 2 LPTR, 1 HTTR
CN1: 5 VCNT, 4 SGND, 3 VL, 2 AGND, 1 VO

CN407: LFB1, LFB2, VL, ZCRS, SGND, LPTR, HTTR
CN405: VCNT, SGND, VL, AGND, VO

CPU PCB

CN3: SGND, SHPSN, VL
CNSHPC: 3 SGND, 2 SHPSN, 1 VL
CNSHP: 3 SGND, 2 SHPSN, 1 VL — SHPSN
Blacking prevention film home position sensor

CN6: VP, ELP
EL — Discharge lamp — I F4 C03

CN18: VP, PGND, HVCNT, HVLKC, GRCNT, GCNT, HVBCNT, BCNT
CN701: 1 VP, 2 PGND, 3 HVCNT, 4 HVLKC, 5 GRCNT, 6 GCNT, 7 HVBCNT, 8 BCNT
High voltage power supply PCB
I F4 C03

(FP7715)
CN15: SGND, ODOSN, VL, SGND, OPESN, VL, VP, CRRCR, VP, OPFCR, SGND, MDRSN, VL
CNODO: 3 SGND, 2 ODOSN, 1 VL — ODOSN — (Paper feed door sensor)
CNOPE: 3 SGND, 2 OPESN, 1 — — OPESN — (Paper detecting sensor)
CNORR: 2 VP, 1 CRRCR — (Registration roller clutch)
CNOPF: 2 VP, 1 OPFCR — (Paper feed clutch)
CNMDR: 3 SGND, 2 MDRSN, 1 VL — MDRSN — (Registration roller sensor)

FA-DS16 (Paper feed console) (Option)

Choke coil (220V~240V version)
Thermostat1 — A201
Exposure lamp — O F4 C25
Thermostat2 — A202
Fuser lamp — A101, A102 — O F4 C23
CNLP: 1 AC1, 2 EXLP

CNEC: CHK1, CHK2
CN402: AC1, EXLP
F(AC): AC1
F(FU): FULP
CN406: VP, VP, PGND, PGND
CN413: CHK2
CN412: CHK1
Low voltage power supply PCB
CN408: 1 AC1, 2 —, 3 AC2
CNADF: AC1, AC2
F(L): AC1
F(N): AC2
(ADF power)
Power cord

CN11: VP, CT — CNCT — Total counter — I F4 C02, O F4 C31
CN13: SGND, CPESN, VL — CNCPE — CPESN (FP7715) — Copier cassette paper detecting sensor
CN12: SGND, RRSN, VL — CNRR — RRSN — Timing roller sensor — I F4 C00
CN10: SGND, PFOSN, VL — CNPFOC — CNPFO: SGND, PFOSN, VL — PFOSN — Paper exit sensor — I F4 C03
CN24: SGND, HFPPSN, VL — CNHFPP — HFPPSN — Sheet bypass paper pass sensor — I F4 C00
CN25: SGND, HFPESN, VL — CNHPE — HFPESN — Bypass paper detecting sensor (FP7715)
CN19: VP, RRCR, VP, HFCR, VP, HFSOL, TH2, TH1
CNRR: VP, RRCR — Timing roller clutch — O F4 C30
CNHF: VP, HFCR — Sheet bypass clutch — O F4 C29
CNTH: TH2, TH1 — Thermistor
CN14: MMLCK, PGND, MMCNT, PGND, VP, PGND, EXFLCK, EXFCNT, PFCR, VP
CNMM: MMLCK, PGND, MMCNT, PGND, VP — MM — Main motor — I F4 C02, O F4 C26
CNEX: PGND, EXFLCK, EXFCNT — FM — Fuser cooling fan motor — I F4 C02, O F4 C20
CNPF: PFCR, VP — Paper feed roller clutch — O F4 C28

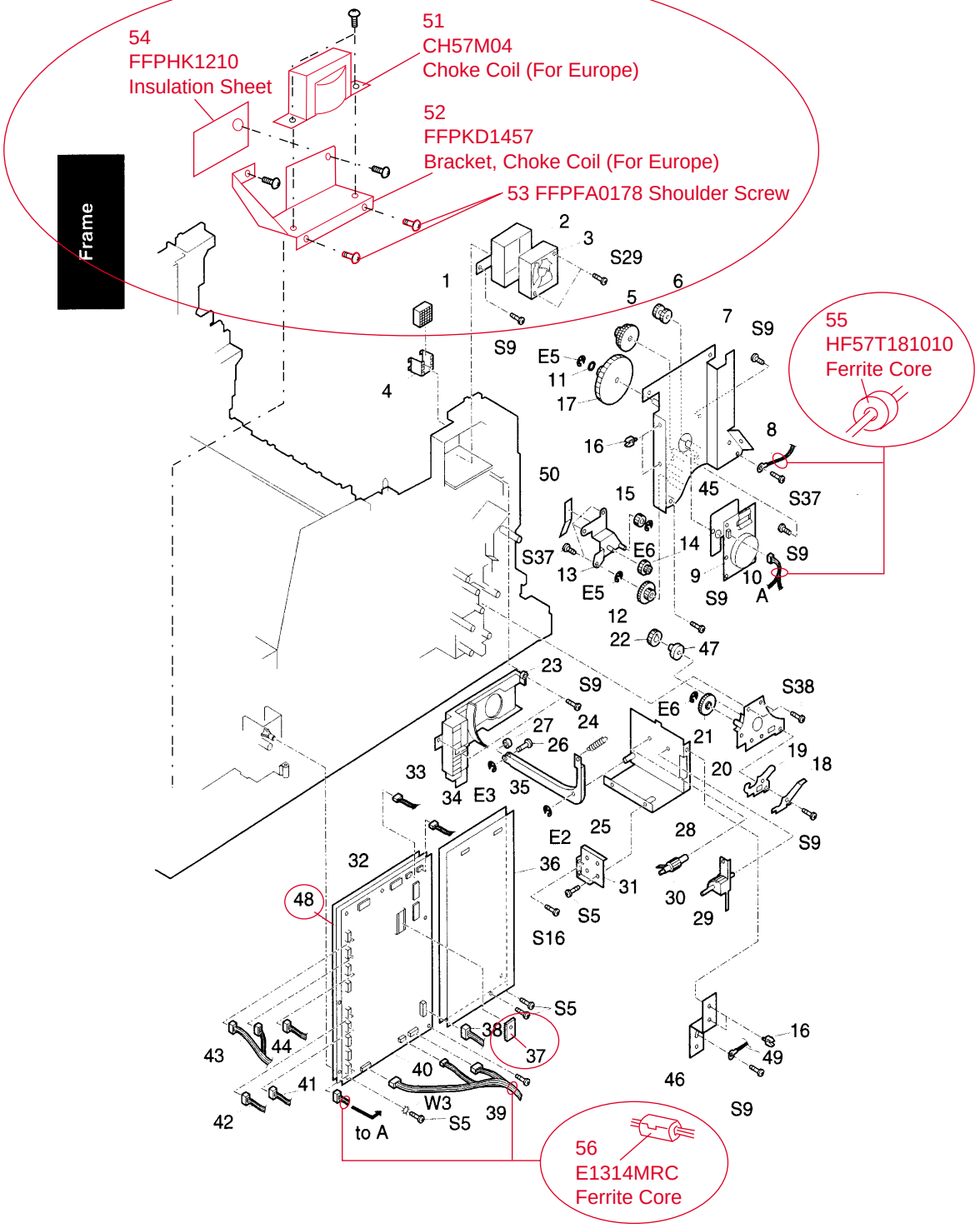
A1, A2

Primary ↔ Secondary

Important safety notice
Components identified by ⚠ mark have special charateristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Alle bauteile, die mit diesem Zechen ⚠ markiert sind, haben wichtige Merkmale für die Sicherheit. Falls die Bauteile ausgetauscht werden, dürfen sie nur durch vom Herrsteller empfohlene Bauteile ersetzt werden.

Notice de sécurité
Lors du remplacement des composants ayant le symbole ⚠ n'utiliser que des pièces d'origines, celles-ci ayant des caractéristiques spécifiques.





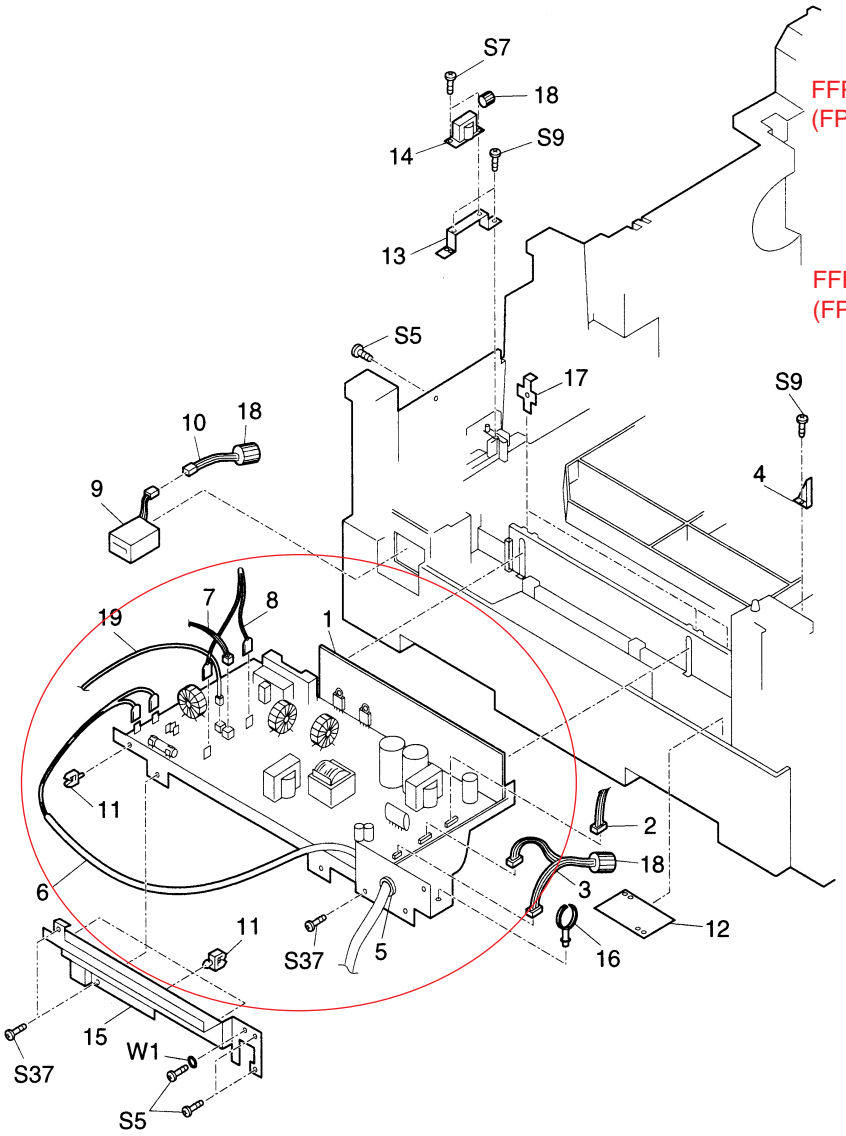

## Frame, Rear

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPHJ00351 | Ozone Filter | 1 | C13 | PM |
| 2 | FFPHA0067 | Duct (FP-7715) | 1 | N | |
| 2 | FFPHA00661 | Duct (FP-7713) | 1 | N | |
| 3 | FBA08A24H2F0 | Fan Motor 1 | 1 | C13 | |
| 4 | FFPKD12521 | Holder, Ozone Filter | 1 | C13 | |
| 5 | FFPMF0936 | Gear 1 | 1 | C13 | |
| 6 | FFPMF09382 | Gear, Developer Drive | 1 | C13 | |
| 7 | FFPXA17G00 | Drive Frame Ass'y | 1 | C13 | |
| 8 | FFPWC1555 | KBE Harness ⚠ | 1 | C13 | |
| 9 | DNQ18A12R20A | Main Motor | 1 | C13 | |
| 10 | FFPWC1535 | MF Harness | 1 | C13 | |
| 11 | FFPMV0004 | Polyslider | 1 | C13 | |
| 12 | FFPMF09391 | Gear, Paper Feed Drive | 1 | C13 | |
| 13 | FFPXA18D80 | Drive Bracket 3 Ass'y | 1 | C13 | |
| 14 | FFPMF09371 | Gear 2 | 1 | C13 | |
| 15 | FFPMF1116 | Gear, Idle 2 | 1 | N | |
| 16 | UAMS05S2 | Clamp | 4 | C13 | |
| 17 | FFPMF09351 | Gear, Drum Drive | 1 | C13 | |
| 18 | FFPLQ03954 | Spring | 1 | C13 | |
| 19 | FFPKH0306 | Spacer | 1 | C13 | |
| 20 | FFPKS10117 | Bracket, Idle Shaft | 1 | N | |
| 21 | FFPMF0917 | Gear, 19T | 1 | C13 | |
| 22 | FFPMF09571 | Gear, DFP Shaft | 1 | C13 | |
| 23 | FFPXA09D80 | High Voltage Terminal Ass'y | 1 | C13 | |
| 24 | FFPLP09601 | Lift Spring | 1 | C13 | |
| 25 | FFPLL0536 | Cassette Lift Lever | 1 | C13 | |
| 26 | FFPLG1007 | Lift Roller Shaft | 1 | C13 | |
| 27 | FFPMA0374 | Lift Roller | 1 | C13 | |
| 28 | FFPKQ01621 | Lift Base | 1 | C13 | |
| 29 | FFPMF0956 | Gear, Cassette Lift | 1 | C13 | |
| 30 | FFPLK03071 | Cassette Lift Arm | 1 | C13 | |
| 31 | FFPKS10021 | Lift Support Plate | 1 | C13 | |
| 32 | FFPKS09972 | CPU Shield Plate | 1 | C13 | |
| 33 | FFPWC1536 | SHPS Harness | 1 | C13 | |
| 34 | FFPWC1550 | EL Harness | 1 | C13 | |
| 35 | EUKMBN602HB | PCB HVPS ⚠ | 1 | C13 | |
| 36 | FFPKE0965 | Cover, PCB HVPS ⚠ | 1 | C13 | |
| 37 | FFPAH0311 | P-Rom (FP-7713) | 1 | N | |
| 37 | FFPAH0312 | P-Rom (FP-7715) | 1 | N | |
| 38 | FFPWC1543 | RS Harness (FP-7713) | 1 | C13 | |
| 38 | FFPWC1571 | RS Harness (FP-7715) | 1 | C13 | |
| 39 | FFPWC1572 | KB Harness (FP-7715) | 1 | C13 | |
| 40 | FFPWB06011 | PCB CPU (FP-7715) | 1 | N | |
| 40 | FFPWB0601 | PCB CPU (FP-7713) | 1 | N | |
| 41 | FFPWC1547 | VL Harness | 1 | C13 | |
| 42 | FFPWC1542 | VP Harness | 1 | C13 | |
| 43 | FFPWC1538 | M Harness | 1 | C13 | |
| 44 | FFPWC1540 | BSM Harness | 1 | C13 | |
| 45 | FFPKB08821 | Drive Frame 2 | 1 | C13 | |
| 46 | FFPKF13741 | Clutch Stopper | 1 | N | |
| 47 | FFPMQ0536 | Bushing | 1 | N | |
| 48 | FFPJC0259 | CPU Shield Sheet (for ~~Taiwan~~) | 1 | N | |
| 49 | FFPWC1656 | Ground Harness (for Taiwan) | 1 | N | |
| 50 | FFPDE0077 | Ground Plate | 1 | N | |

Europe/Taiwan

Frame

## Frame, Right



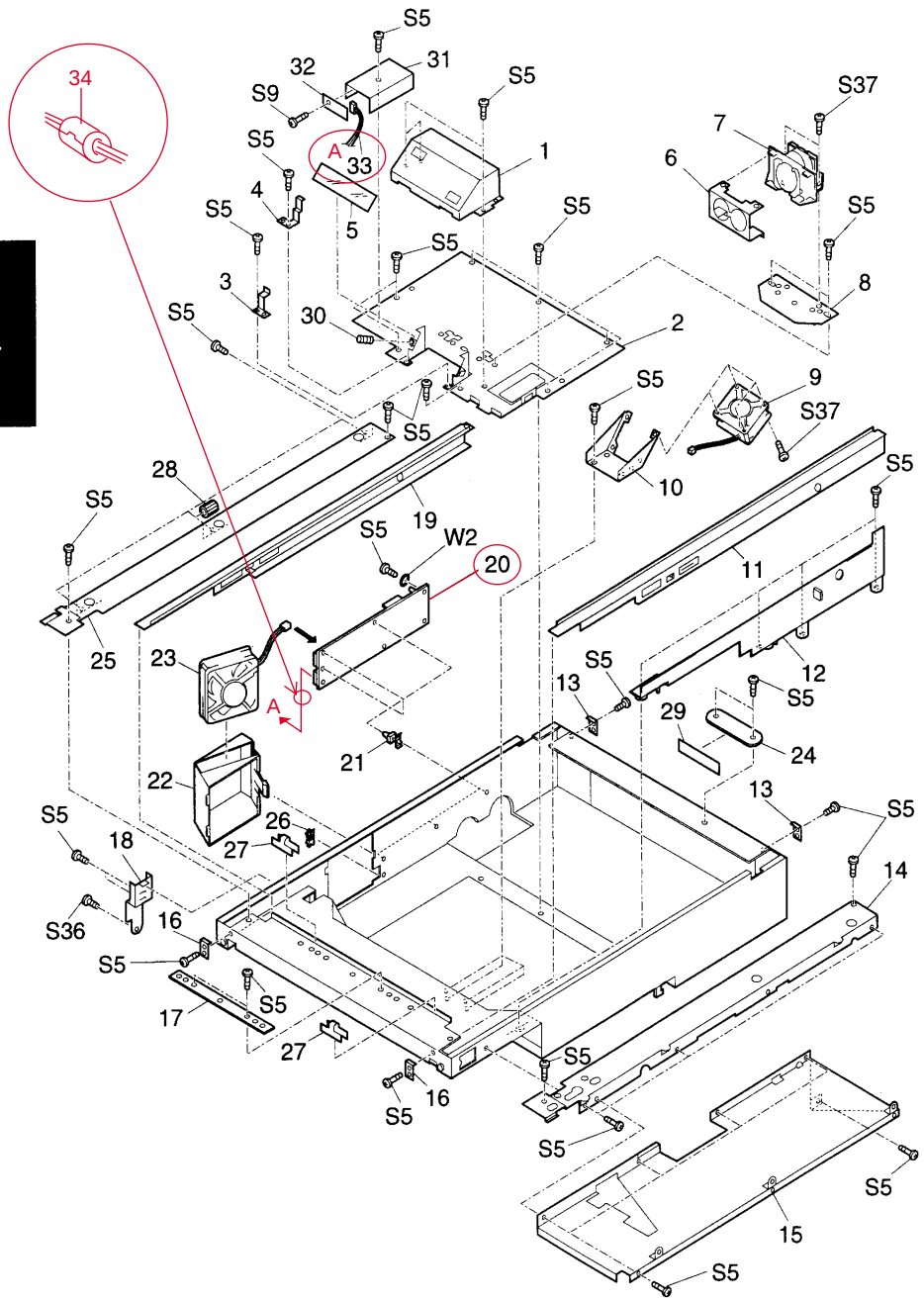

FFPWB05648
(FP-7713 for Europe)

FFPWB05649
(FP-7715 for Europe)

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPWB05643 | PCB, Power Supply ⚠ (FP-7715 for Taiwan) | 1 | C13 | |
| 1 | FFPWB0564 | PCB, Power Supply ⚠ (FP-7713 for Taiwan) | 1 | C13 | |
| 1 | FFPWB05641 | PCB, Power Supply ⚠ (FP-7713 for North America) | 1 | C13 | |
| 1 | FFPWB05644 | PCB, Power Supply ⚠ (FP-7715 for North America) | 1 | C13 | |
| 1 | FFPWB05645 | PCB, Power Supply ⚠ (FP-7713 for others) | 1 | C13 | |
| 1 | FFPWB05645 | PCB, Power Supply ⚠ (FP-7715 for others) | 1 | C13 | |
| 2 | FFPWC1542 | VP Harness | 1 | C13 | |
| 3 | FFPWC1547 | VL Harness | 1 | C13 | |
| 4 | FFPKD12822 | Optics Support Plate | 1 | C13 | |
| 5 | SR6N3-4 | Cord Bushing (for North America) ⚠ | 1 | C13 | |
| 5 | SR6N4-4 | Cord Bushing (for Taiwan) ⚠ | 1 | C13 | |
| 5 | SR6N4 | Cord Bushing (Others) ⚠ | 1 | C13 | |
| 6 | FFPEV0130 | Power Cord (for Taiwan) | 1 | C13 | |
| 6 | FFPEV0132 | Power Cord (for North America) | 1 | C13 | |
| 6 | FFPEV0135 | Power Cord (for China) | 1 | C13 | |
| 6 | FFPEV0117 | Power Cord (Others) | 1 | C13 | |
| 6 | FFPEV0118 | Power Cord (for Australia) | 1 | C13 | |
| 6 | FFPEV0119 | Corona Power Cord (for U.K.) | 1 | C13 | |
| 7 | FFPWC1552 | LPC Harness ⚠ | 1 | C13 | |
| 8 | FFPWC1535 | MF Harness | 1 | C13 | |
| 9 | FFPCV0009 | Total Counter | 1 | C13 | |
| 10 | FFPWC1538 | M Harness | 1 | C13 | |
| 11 | LWS1S | LWS | 4 | C13 | |
| 12 | FFPKE09841 | Cover | 1 | C13 | |
| 13 | FFPKD12701 | Bracket, Choke Coil (except North America) | 1 | C13 | |
| 14 | CH48I40 | Choke Coil (except North America/Taiwan) | 1 | C13 | |
| 15 | FFPNA0587 | Shield Plate, Power Supply | 1 | C13 | |
| 16 | HL18-0 | Harness Lifter | 1 | C13 | |
| 17 | FFPFF0071 | Nut | 3 | C13 | |
| 18 | E1815MRC | Ferrite Core (except North America) | 3 | C13 | |
| 19 | FFPWC1575 | ADF Power Sub-Harness (FP-7715) | 1 | C13 | |



P7



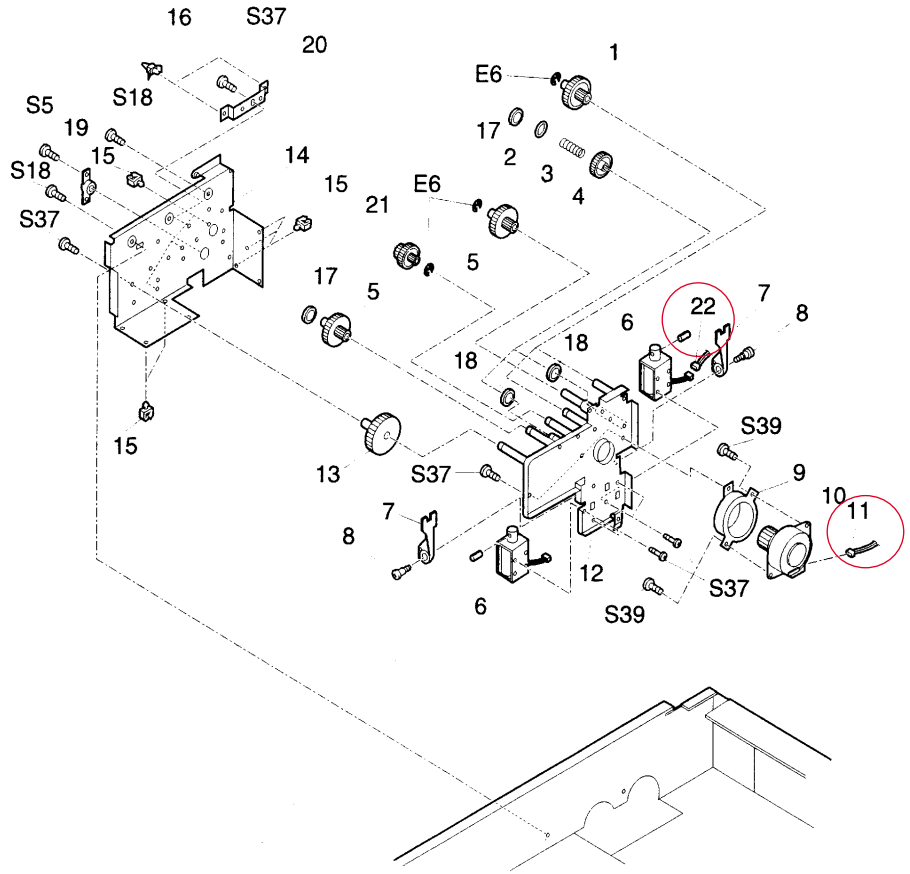



## Optics Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPKE09633 | Lens Cover | 1 | C13 | |
| 2 | FFPKB08794 | Bottom Plate, Lens | 1 | N | |
| 3 | FFPLQ0375 | Spring | 1 | C13 | |
| 4 | FFPLQ0376 | Spring | 1 | C13 | |
| 5 | FFPGC0174 | No. 4 Mirror | 1 | C13 | |
| 6 | FFPJC01871 | Insulation Sheet | 1 | C13 | |
| 7 | FFPGA0074 | Lens | 1 | C13 | |
| 8 | FFPKS06713 | Adjusting Plate, Lens | 1 | C13 | |
| 9 | FBA06A24U2CS | Fan Motor 2 (Option for FP-7713) | 1 | C13 | |
| 10 | FFPKR16731 | Bracket, Fan (FP-7715) | 1 | C13 | |
| 11 | FFPKF12153 | Optics Rail, Front | 1 | C13 | |
| 12 | FFPKF12172 | Harness Guide | 1 | C13 | |
| 13 | FFPKD1240 | Harness Holder | 2 | C13 | |
| 14 | FFPKD12373 | Glass Support, Front | 1 | N | |
| 15 | FFPKD12541 | Control Panel Stay | 1 | C13 | |
| 16 | FFPKD12391 | Rail Holder, Left | 2 | C13 | |
| 17 | FFPKS0669 | Adjusting Plate | 1 | C13 | |
| 18 | FFPKD1242 | Stopper Plate | 1 | C13 | |
| 19 | FFPKF12163 | Optics Rail, Rear | 1 | C13 | |
| 20 | FFPWB0565 | PCB Optics Drive | 1 | C13 | |
| 20 | FFPWB05651 | PCB Optics Drive (for ~~Taiwan~~) | 1 | C13 | |
| 21 | KGLS6S | Card Spacer | 3 | C13 | |
| 22 | FFPHA00651 | Duct | 1 | C13 | |
| 23 | FBA08A24H2F0 | Fan Motor 1 | 1 | C13 | |
| 24 | FFPKU0173 | Support Plate, Right Cover (FP-7715) | 1 | C13 | |
| 25 | FFPKD12384 | Glass Support, Rear | 1 | N | |
| 26 | EDS1 | Edge Saddle | 1 | C13 | |
| 27 | FFPKN0338 | Glass Cushion (FP-7715) | 2 | C13 | |
| 28 | E1815MRC | Ferrite Core (except North America) | 1 | C13 | |
| 29 | FFPHK0927 | Protection Sheet | 1 | C13 | |
| 30 | XXE3D8FP | Set Screw | 1 | C13 | |
| 31 | FFPKE1056 | AE Sensor Case | 1 | N | |
| 32 | FFPWB0580 | PCB, AE Sensor | 1 | N | |
| 33 | FFPWC1766 | AE Harness | 1 | N | |
| 34 | E1314MRC | Ferrite Core (For Europe) | 1 | N | |

Europe/Taiwan

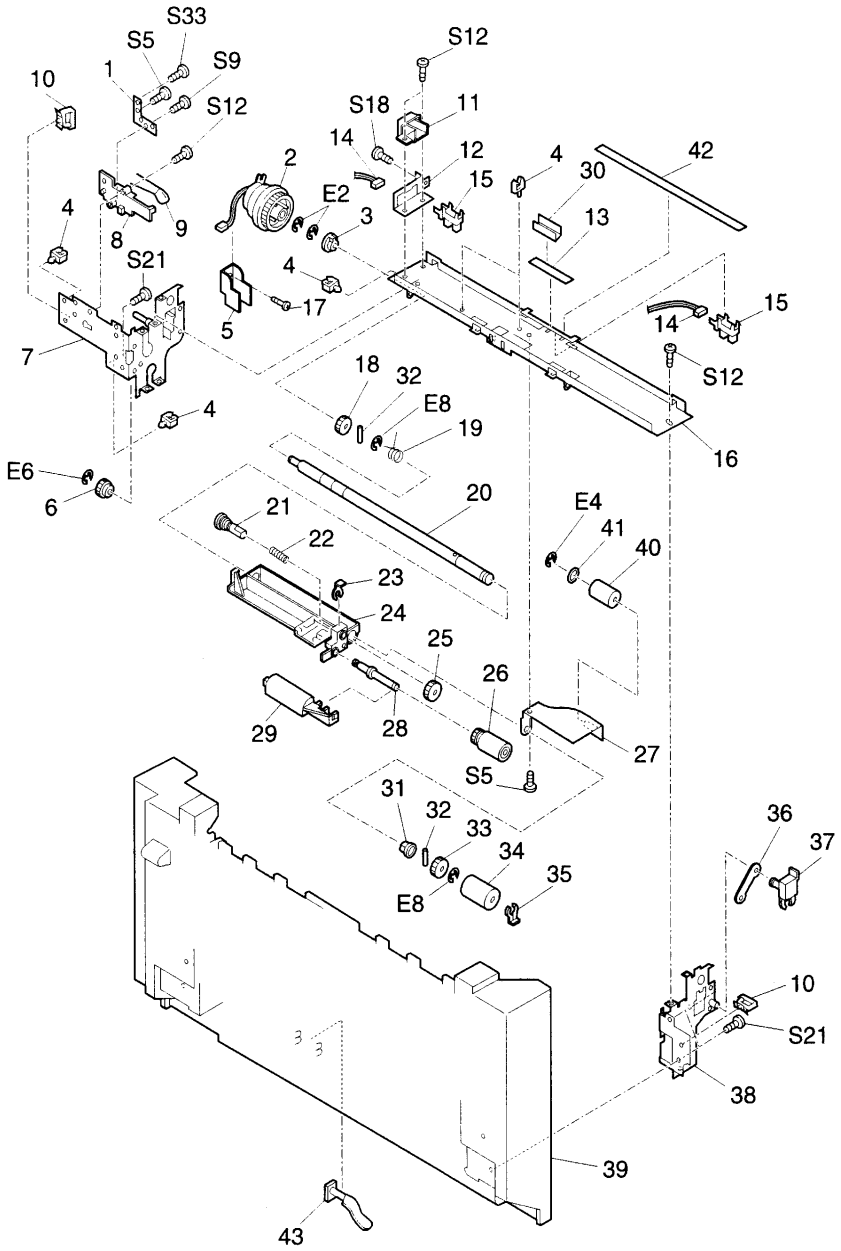
Optics






## Optics Unit

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 1 | FFPMF09331 | Gear, Idle 2 | 2 | C13 | |
| 2 | FFPMV0030 | Polyslider | 2 | C13 | |
| 3 | FFPLP09371 | Selection Spring | 2 | C13 | |
| 4 | FFPMF0932 | Gear, Idle 1 | 2 | C13 | |
| 5 | FFPMF0934 | Gear, Idle 3 | 2 | C13 | |
| 6 | FFPXK30D80 | Solenoid Ass'y | 2 | C13 | |
| 7 | FFPLL0532 | Selection Lever | 2 | C13 | |
| 8 | FFPLG09411 | Slide Shaft Screw | 2 | C13 | |
| 9 | FFPHL0010 | Damper | 1 | C13 | |
| 10 | FFPXK27D80 | Motor Ass'y Europe/Taiwan | 1 | C13 | |
| 11 | FFPWC1539 | LM Harness | 1 | C13 | |
| 11 | FFPWC1722 | LMD Harness (for ~~Taiwan~~) | 1 | C13 | |
| 12 | FFPKB08763 | Motor Frame 1 | 1 | C13 | |
| 13 | FFPMF09291 | Gear, Idle 4 | 1 | C13 | |
| 14 | FFPKB08594 | Motor Frame 2 | 1 | C13 | |
| 15 | UAMS05S2 | Clamp | 8 | C13 | |
| 16 | KGLS3S | Card Spacer | 2 | C13 | |
| 17 | FFPHP0735 | Cushion | 3 | C13 | |
| 18 | FFPHP0736 | Cushion | 2 | C13 | |
| 19 | FFPMQ0525 | Motor Bushing | 1 | C13 | |
| 20 | FFPKR16721 | Bracket, PCB Europe/Taiwan | 1 | C13 | |
| 21 | FFPMF0976 | Gear, Idle 5 | 1 | C13 | |
| 22 | FFPWC1721 | ZM Harness (for ~~Taiwan~~) | 1 | C13 | |






## Paper Feed Section

| Ref. No. | Part No. | Description | Q'ty Per Unit | Com-mon | Remarks |
|---|---|---|---|---|---|
| 0 | FFPUF01D73 | Left Cover Ass'y (FP-7713 for others) | 1 | N | |
| 0 | FFPUF01G33 | Left Cover Ass'y (FP-7715 for others) | 1 | N | |
| 0 | FFPUF01D67 | Left Cover Ass'y (FP-7713 for Taiwan) | 1 | N | |
| 0 | FFPUF01G47 | Left Cover Ass'y (FP-7715 for Taiwan) | 1 | N | |
| 0 | FFPUF01D61 | Left Cover Ass'y (FP-7713 for North America) | 1 | N | |
| 0 | FFPUF01G41 | Left Cover Ass'y (FP-7715 for North America) | 1 | N | |
| 1 | FFPDF0263 | Ground Plate | 1 | C13 | |
| 2 | BJ-3.5-W03 | Magnetic Clutch Ass'y (FP-7713) | 1 | N | |
| 2 | BJ-3.5-W04 | Magnetic Clutch 2 Ass'y (FP-7715) | 1 | N | |
| 3 | FFPMQ0516 | Bushing | 1 | C13 | |
| 4 | UAMS05S2 | Clamp | 5 | C13 | |
| 5 | FFPKF13731 | Clutch Stopper 1 | 1 | N | |
| 6 | FFPMF0787 | Idle Gear | 1 | C13 | |
| 7 | FFPKB08771 | Rear Frame, Paper Feed | 1 | C13 | |
| 8 | FFPKH0303 | Insulation Spacer | 1 | C13 | |
| 9 | ERZV10D751 | ZNR | 1 | C13 | |
| 10 | LWS1S | LWS | 2 | C13 | |
| 11 | FFPJA0277 | Harness Guide | 1 | C13 | |
| 12 | FFPKU01631 | Support | 1 | C13 | |
| 13 | FFPKP0081 | Cleaning Pad (FP-7713) | 1 | C13 | |
| 13 | FFPKP00741 | Cleaning Pad (FP-7713) | 1 | C15 | |
| 14 | FFPWC1572 | KB Harness (FP-7715) | 1 | C13 | |
| 14 | FFPWC1545 | KB Harness (FP-7713) | 1 | C13 | |
| 15 | TLP1225 | Sensor (FP-7713) | 1 | C13 | |
| 15 | TLP1225 | Sensor (FP-7715) | 2 | C13 | |
| 16 | FFPKD12611 | Roller Stay, Paper Feed | 1 | C13 | |
| 17 | FFPFA0151 | Shoulder Screw | 1 | N | |
| 18 | FFPMF0965 | Gear, DFP Drive 16T | 1 | C13 | |
| 19 | FFPLR0257 | Spring | 1 | C13 | |
| 20 | FFPLG15731 | Paper Feed Shaft 3 | 1 | N | |
| 21 | FFPMD0026 | Boss | 1 | C13 | |
| 22 | FFPLR02562 | Spring | 1 | C13 | |
| 23 | FFPFJ0033 | Touch Ring | 1 | C13 | |
| 24 | FFPKR16611 | Bracket, Pick up Roller | 1 | C13 | |
| 25 | FFPMF0960 | Gear, Pick up Idle | 1 | C13 | |
| 26 | FFPMA0521 | Pick up Roller | 1 | C13 | PM |
| 27 | FFPKS1020 | Bracket, Paper Feed Roller | 1 | C13 | |
| 28 | FFPLG1418 | Pick up Roller Shaft | 1 | C13 | |
| 29 | FFPKD12641 | Finger Support | 1 | C13 | |
| 30 | FFPKN03731 | Cleaning Pad | 1 | C13 | |
| 31 | FFPMQ0383 | Bushing | 1 | C13 | |
| 32 | XPJ2D10WV | Pin | 2 | C13 | |
| 33 | FFPMF0958 | Gear, Pick up Drive | 1 | C13 | |
| 34 | FFPMA0518 | Paper Feed Roller | 1 | C13 | PM |
| 35 | FFPFJ0039 | Touch Ring | 1 | C13 | |
| 36 | FFPLK0312 | Tray Arm 2 (except North America) | 1 | C13 | |
| 37 | FFPLK03111 | Tray Arm 1 (except North America) | 1 | C13 | |
| 38 | FFPKB08732 | Front Frame, Bypass | 1 | C13 | |
| 39 | FFPNA05675 | Left Cover ⚠ | 1 | C13 | |
| 40 | FFPMQ0400 | Roller Clutch | 1 | C13 | |
| 41 | FFPMV0004 | Polyslider | 1 | C13 | |
| 42 | FFPKP0081 | Cleaning Pad | 1 | C13 | |
| 43 | FFPLL05481 | Sensor Lever (FP-7715) | 1 | C13 | |



Paper Feed Section